

7050902 012022

10500000















FIG. 1C

1 GGA TCC GGG ATG AAG AAC CTT TCA TTT CCC CTC CTT TTC CTT TTC CTT
M K N L S F P L L F L F F L

52 GTC CCT GAA CTG CTG GGC TCC AGC ATG CCA CTG TGT CCC ATC GAT GAA GCC
V P E L L G S S M P L C P I D E A

103 ATC GAC AAG AAG ATC AAA CAA GAC TTC AAC TCC CTG TTT CCA AAT GCA ATA
I D K K I K Q D F N S L F P N A I

154 AAG AAC ATT GGC TTA AAT TGC TGG ACA GTC TCC TCC AGA GGG AAG TTG GCC
K N I G L N C W T V S S R G K L A

205 TCC TGC CCA GAA GGC ACA GCA GTC TTG AGC TGC TCC TGT GGC TCT GCC TGT
S C P E G T A V L S C S C G S A C

256 GGC TCG TGG GAC ATT CGT GAA GAA AAA GTG TGT CAC TGC CAG TGT GCA AGG
G S W D I R E E K V C H C Q C A R

307 ATA GAC TGG ACA GCA GCC CGC TGC TGT AAG CTG CAG GTC GCT TCC TCT CTA
I D W T A A R C C K L Q V A S S L

358 GCG GGA GGG GGT GGA TGT GGG ATC GAA GGT CGC AAG CTT ACT
A G G G G C G I E G R K L T

FIG. 2A

1 GGA TCC GGG ATG AAG AAC CTT TCA TTT CCC CTC CTT TTC CTT TTC CTT
M K N L S F P L L F L F F L

52 GTC CCT GAA CTG CTG GGC TCC AGC ATG CCA CTG TGT CCC ATC GAT GAA GCC
V P E L L G S S M P L C P I D E A

103 ATC GAC AAG AAG ATC AAA CAA GAC TTC AAC TCC CTG TTT CCA AAT GCA ATA
I D K K I K Q D F N S L F P N A I

154 AAG AAC ATT GGC TTA AAT TGC TGG ACA GTC TCC TCC AGA GGG AAG TTG GCC
K N I G L N C W T V S S R G K L A

205 TCC TGC CCA GAA GGC ACA GCA GTC TTG AGC TGC TCC TGT GGC TCT GCC TGT
S C P E G T A V L S C S C G S A C

256 GGC TCG TGG GAC ATT CGT GAA GAA AAA GTG TGT CAC TGC CAG TGT GCA AGG
G S W D I R E E K V C H C Q C A R

307 ATA GAC TGG ACA GCA GCC CGC TGC TGT AAG CTG CAG GTC GCT TCC TCT CTA
I D W T A A R C C K L Q V A S S L

358 GCG GGA GGG GGT GGA TGT GGG GAC GAT GAC GAC AAG CTT ACT
A G G G G C G D D D D K L T

FIG. 2B

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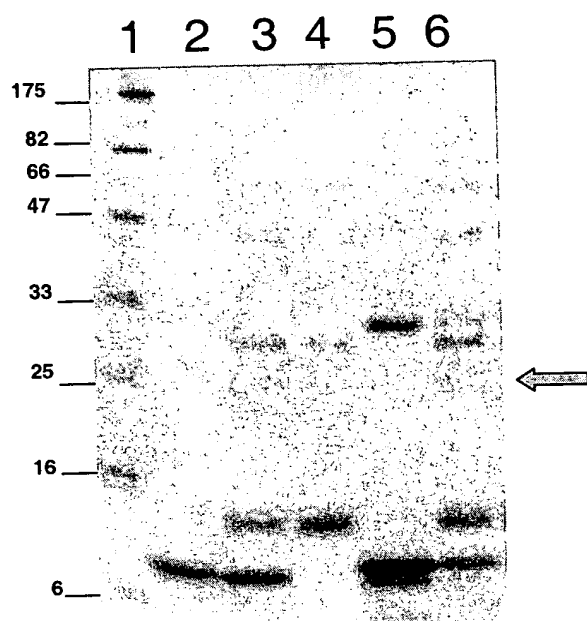


FIG. 2C

A

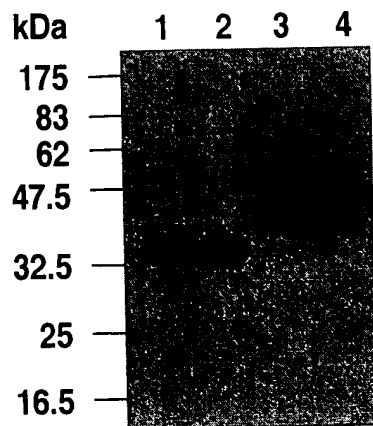


FIG. 3A

B

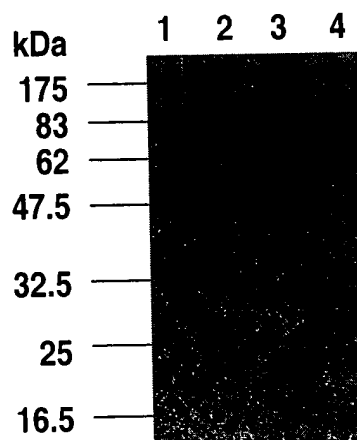


FIG. 3B

10050902-011802

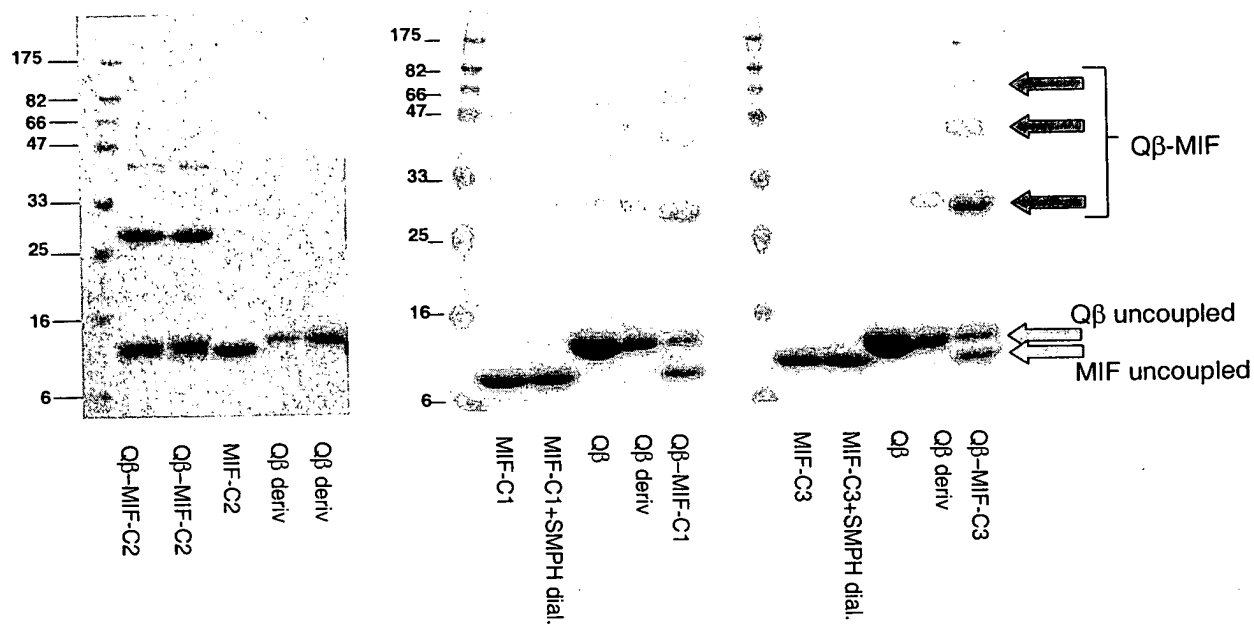


FIG. 4A

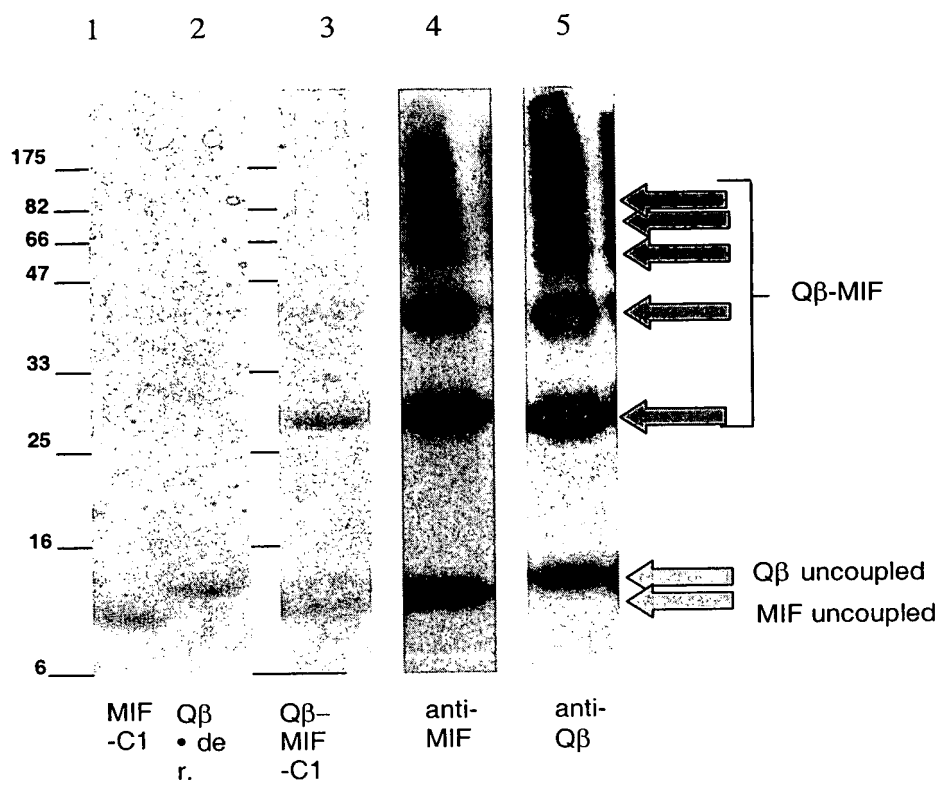


FIG. 4B

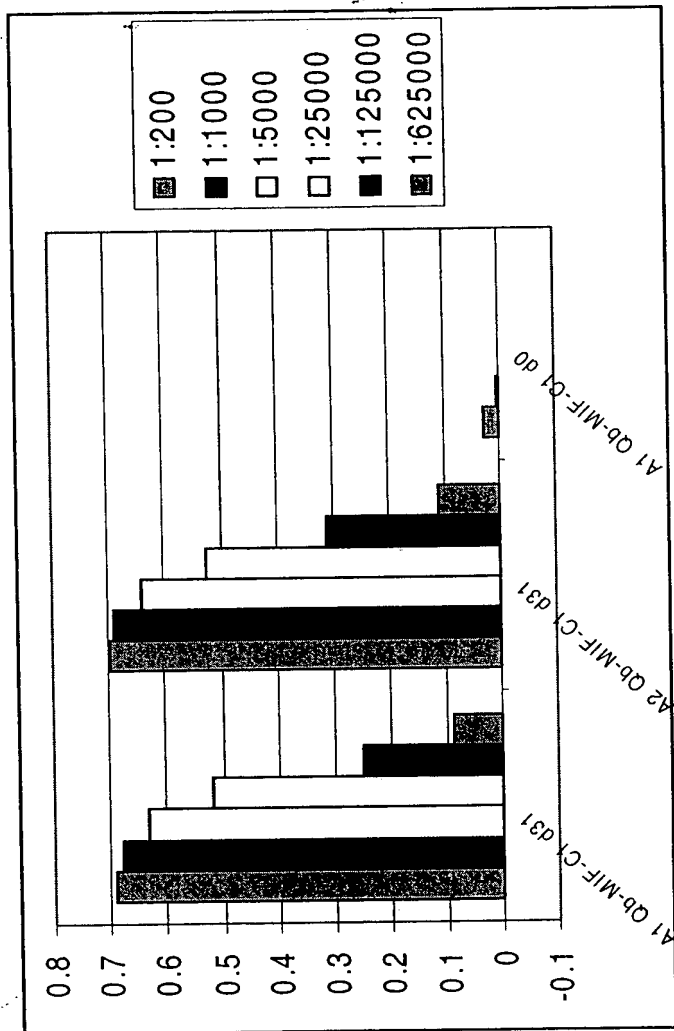


FIG. 4C

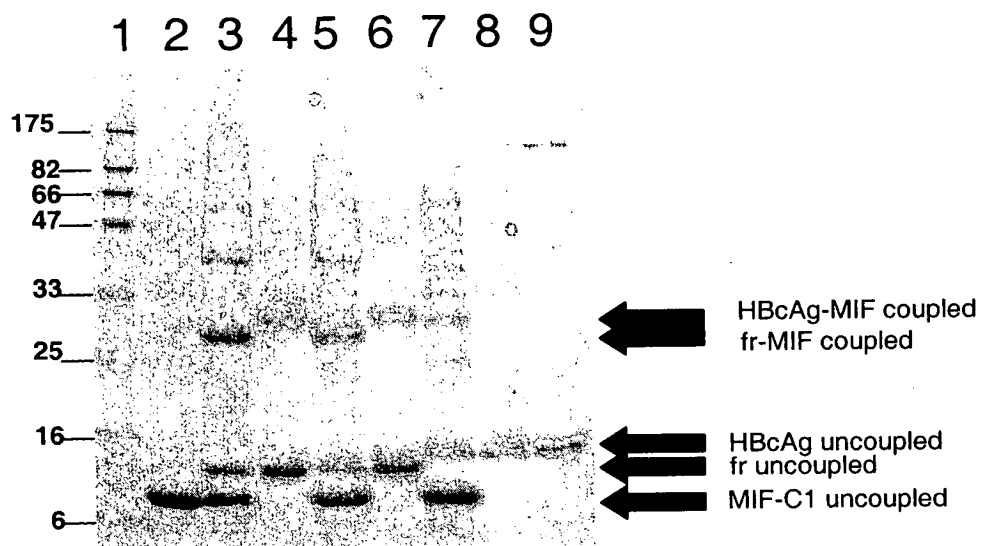


FIG. 5

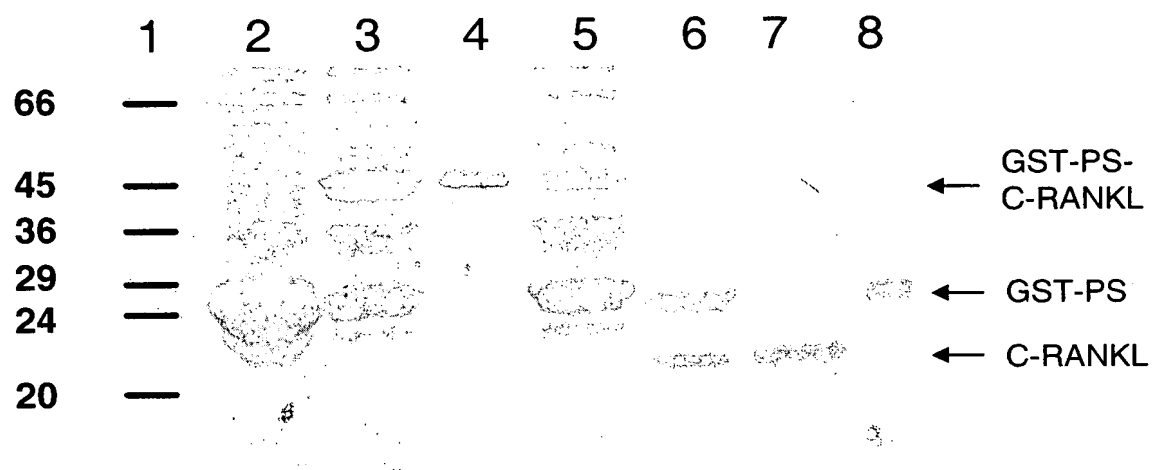


FIG. 6

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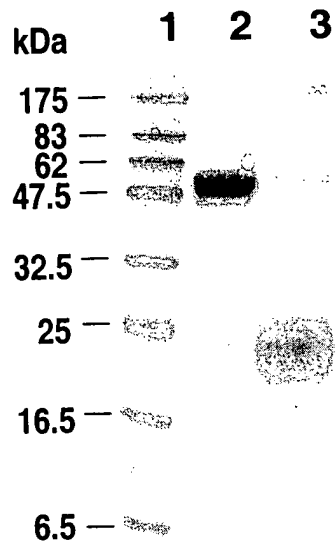


Fig 7

FIG. 8A

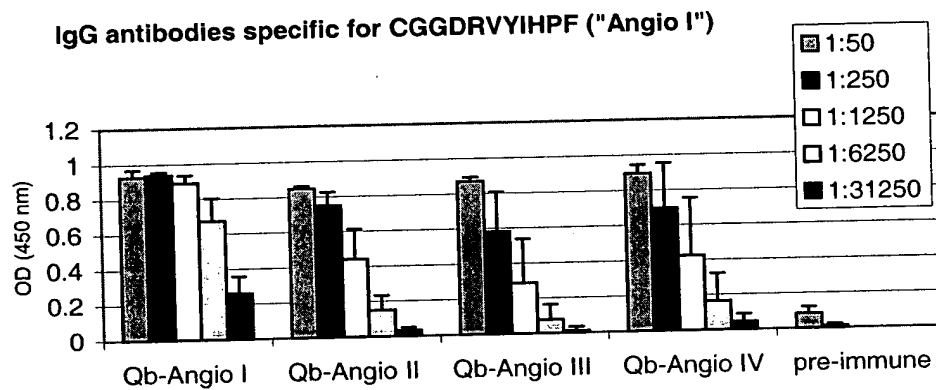


FIG. 8B

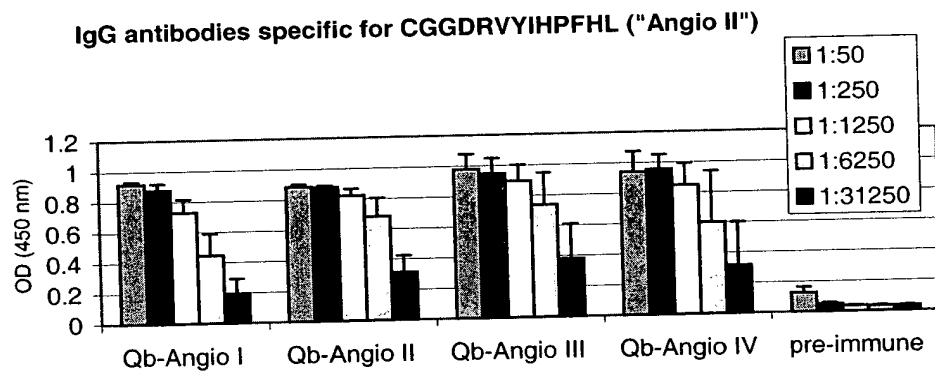


FIG. 8C

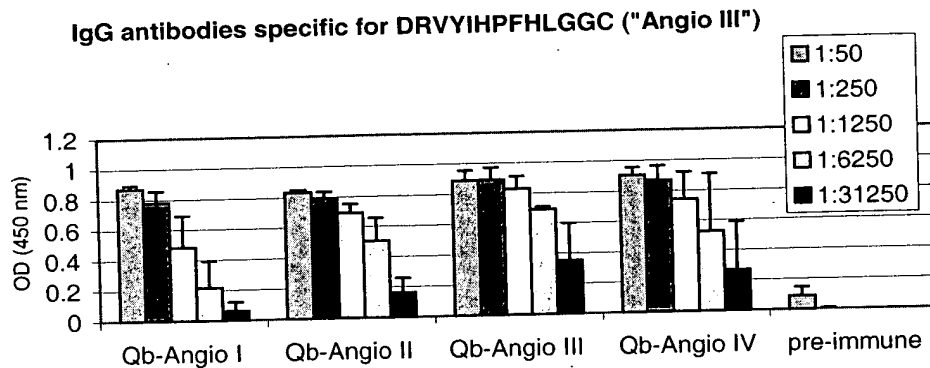


FIG. 8D

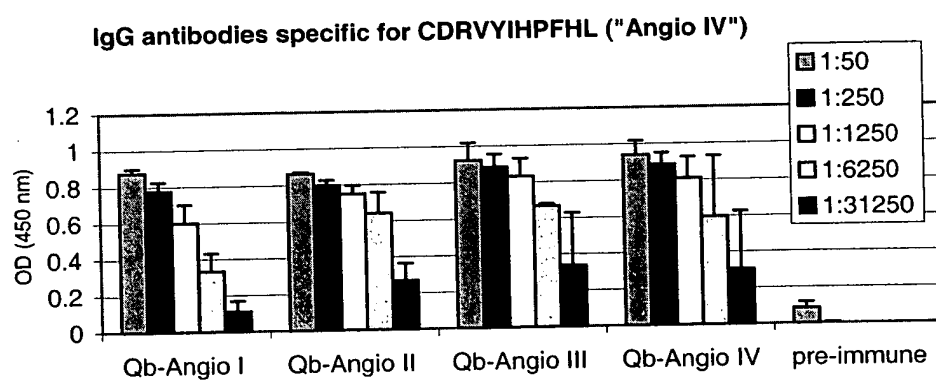


FIG. 9A

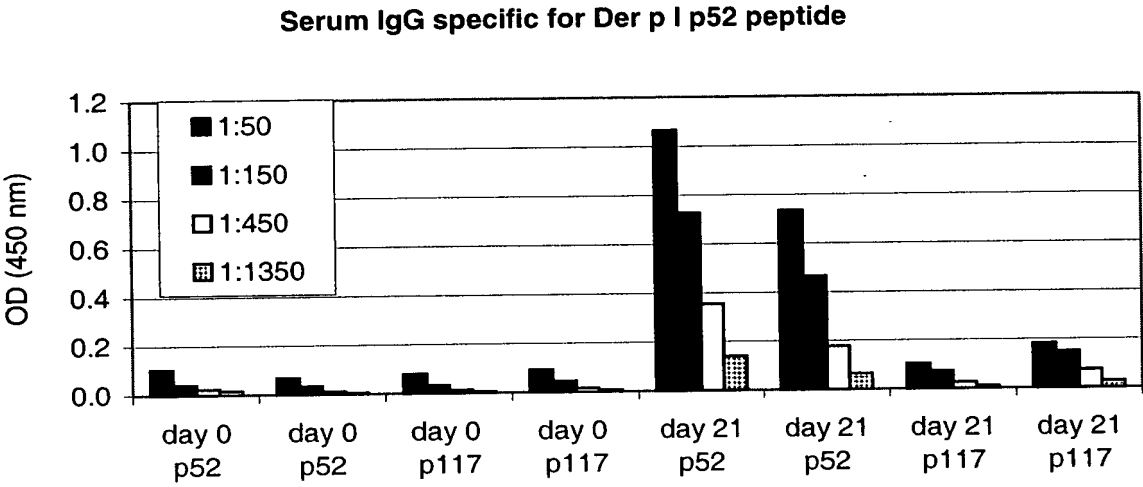


FIG. 9B

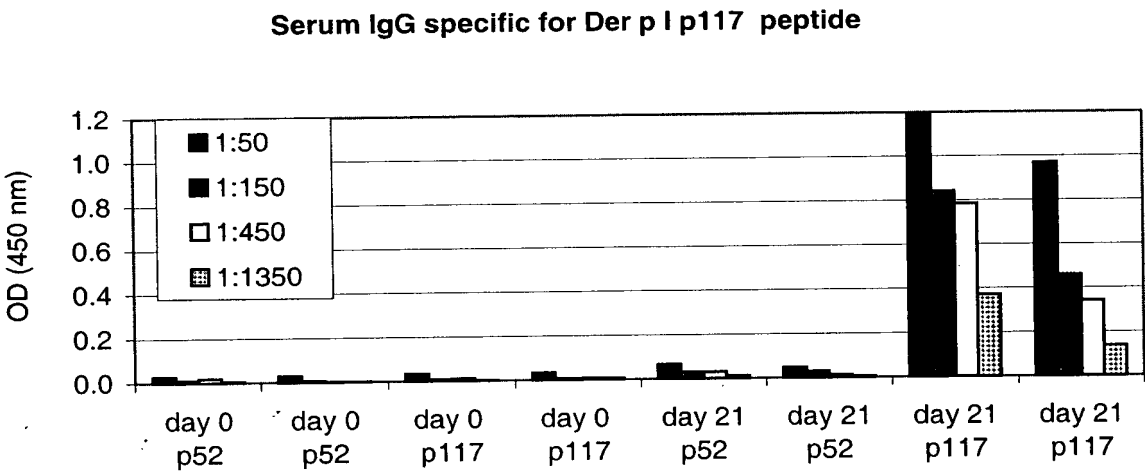


FIG. 10A

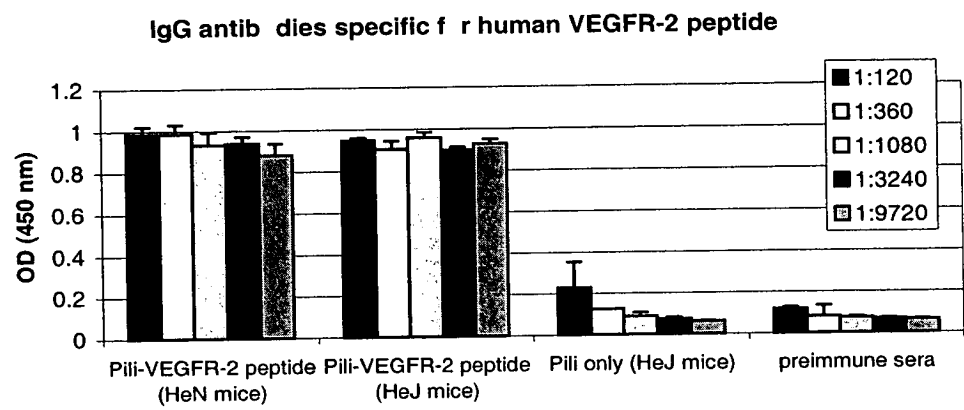


FIG. 10B

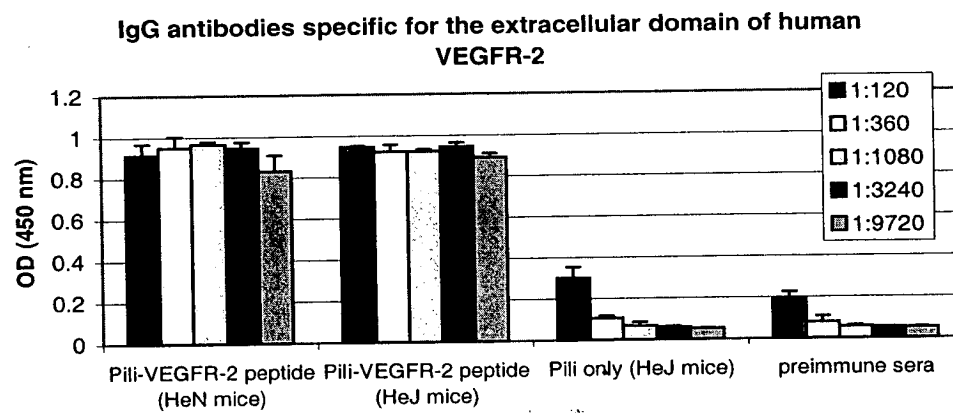


FIG. 11

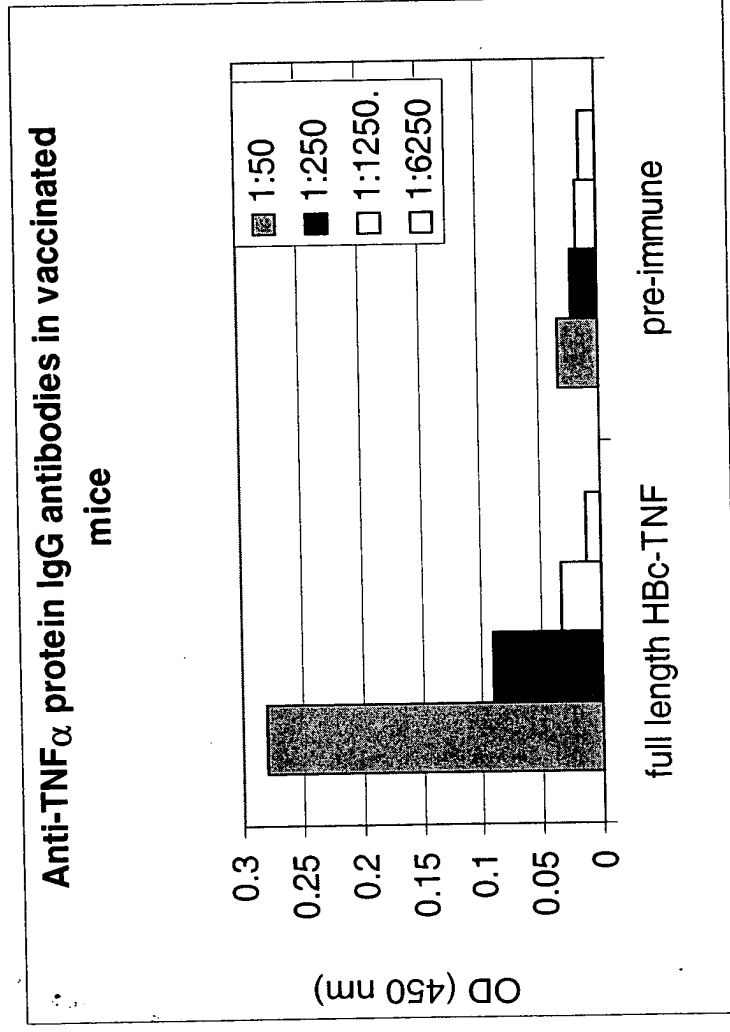


FIG. 12

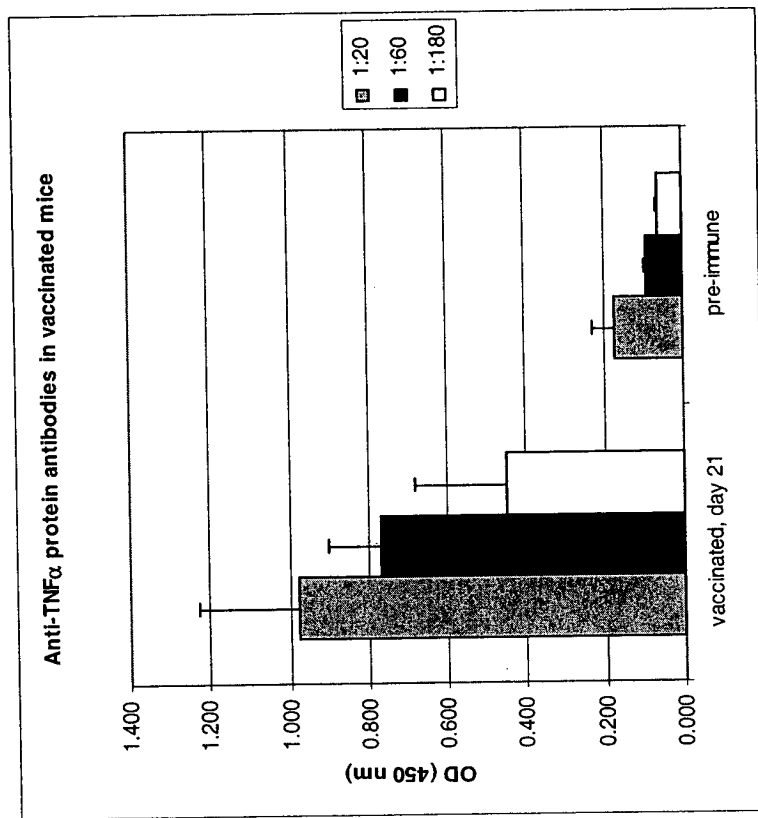


FIG. 13A

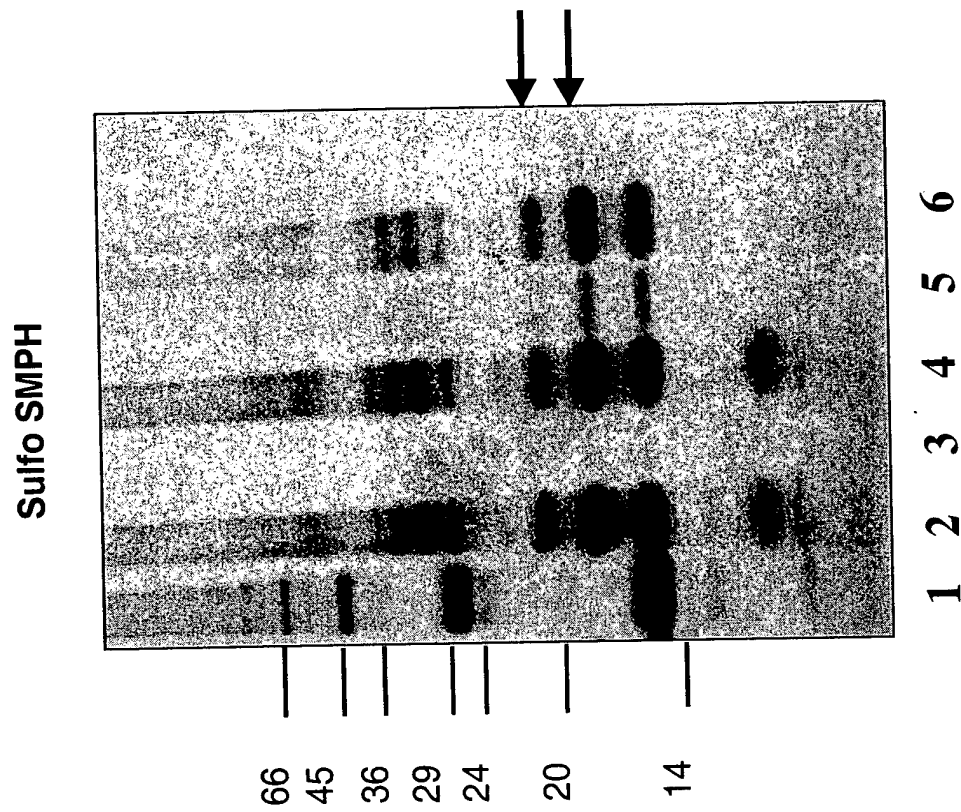


FIG. 13B

Sulfo SMPH

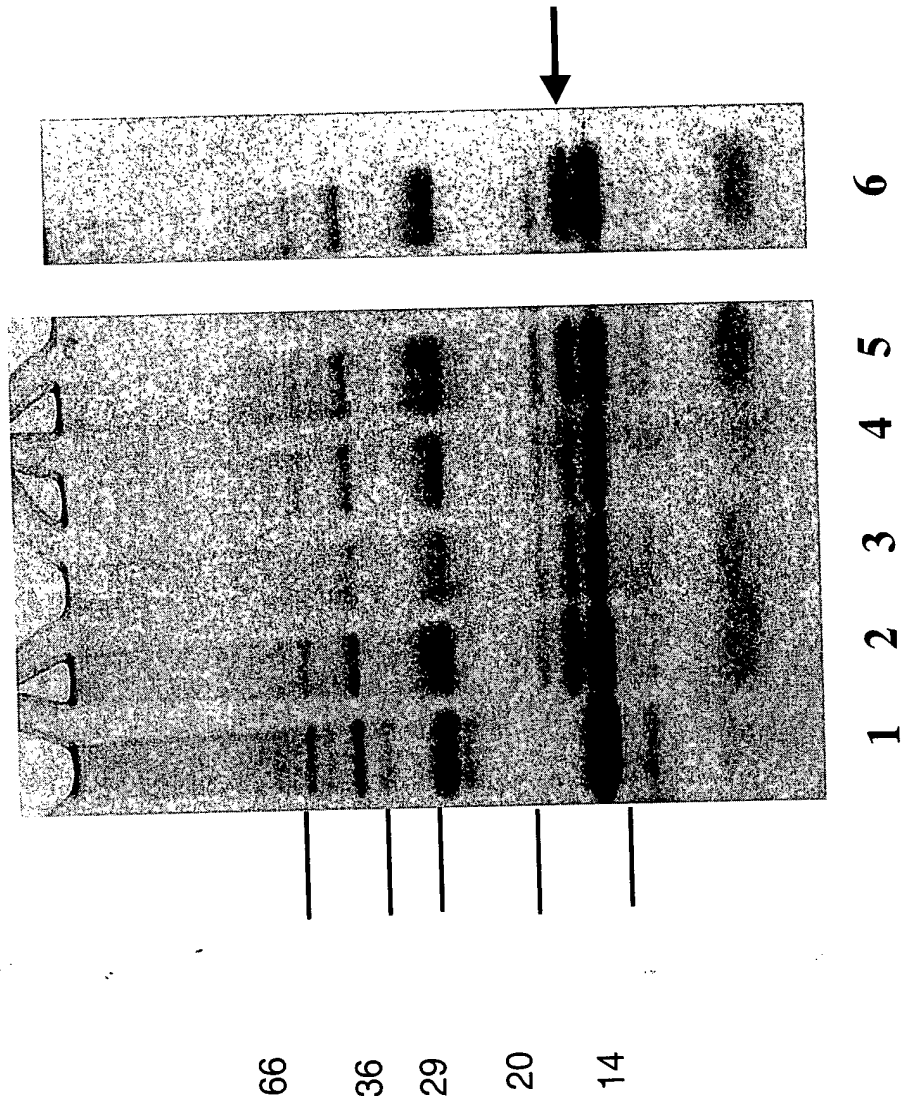


FIG. 13C

Sulfo SMPH

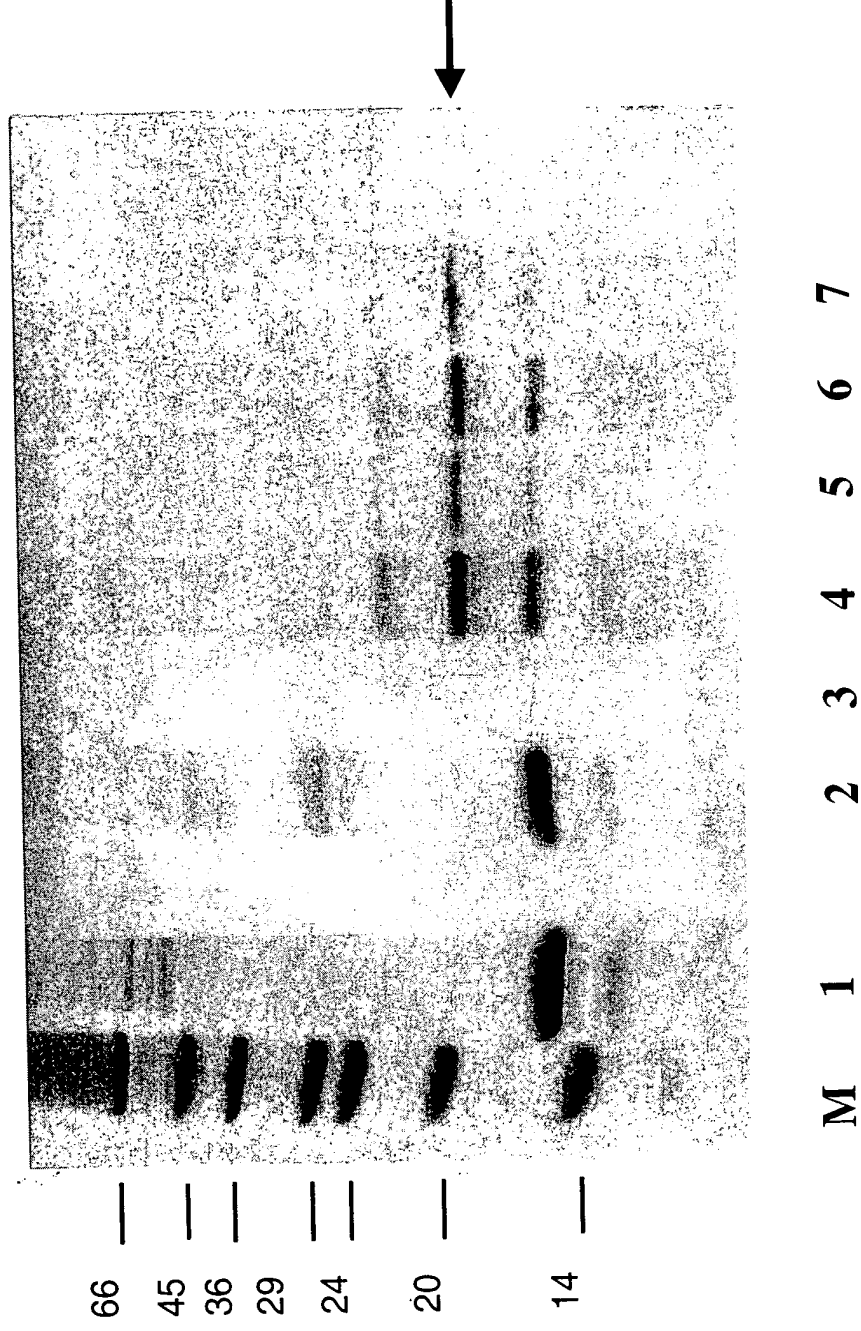


FIG. 13D

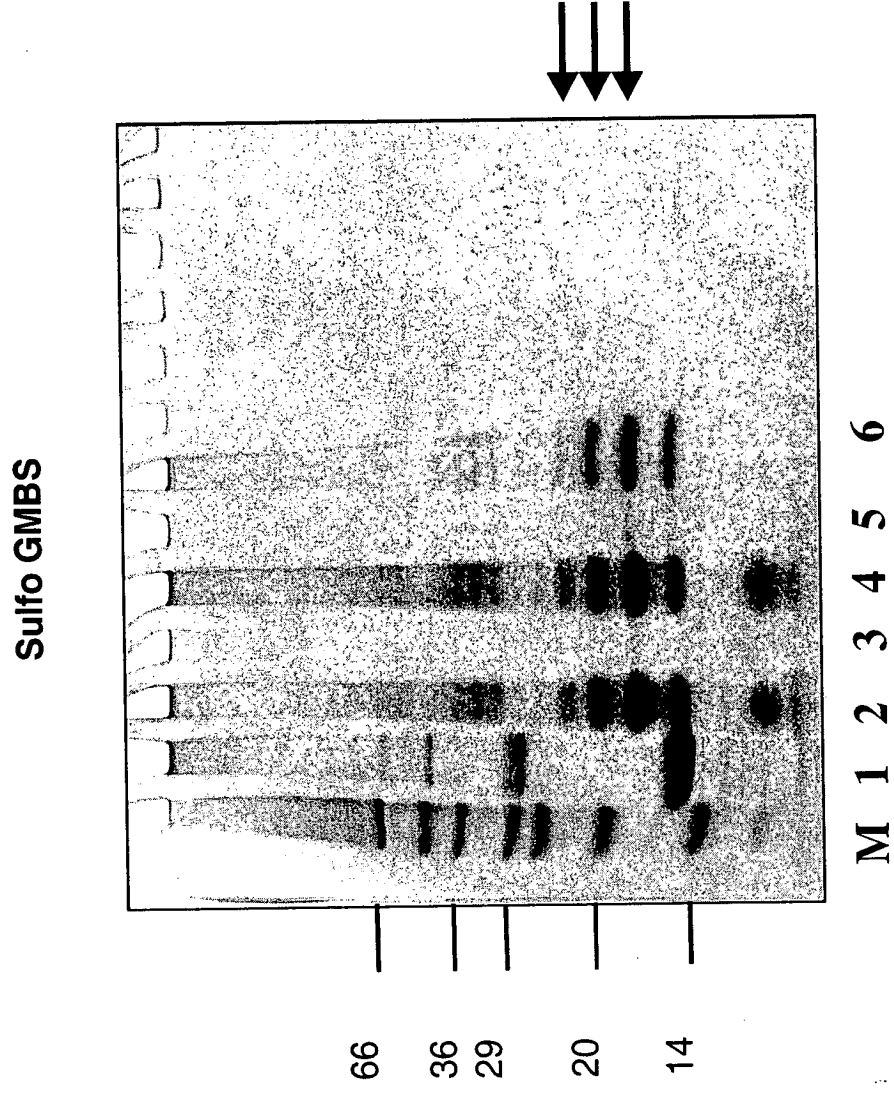


FIG. 13E

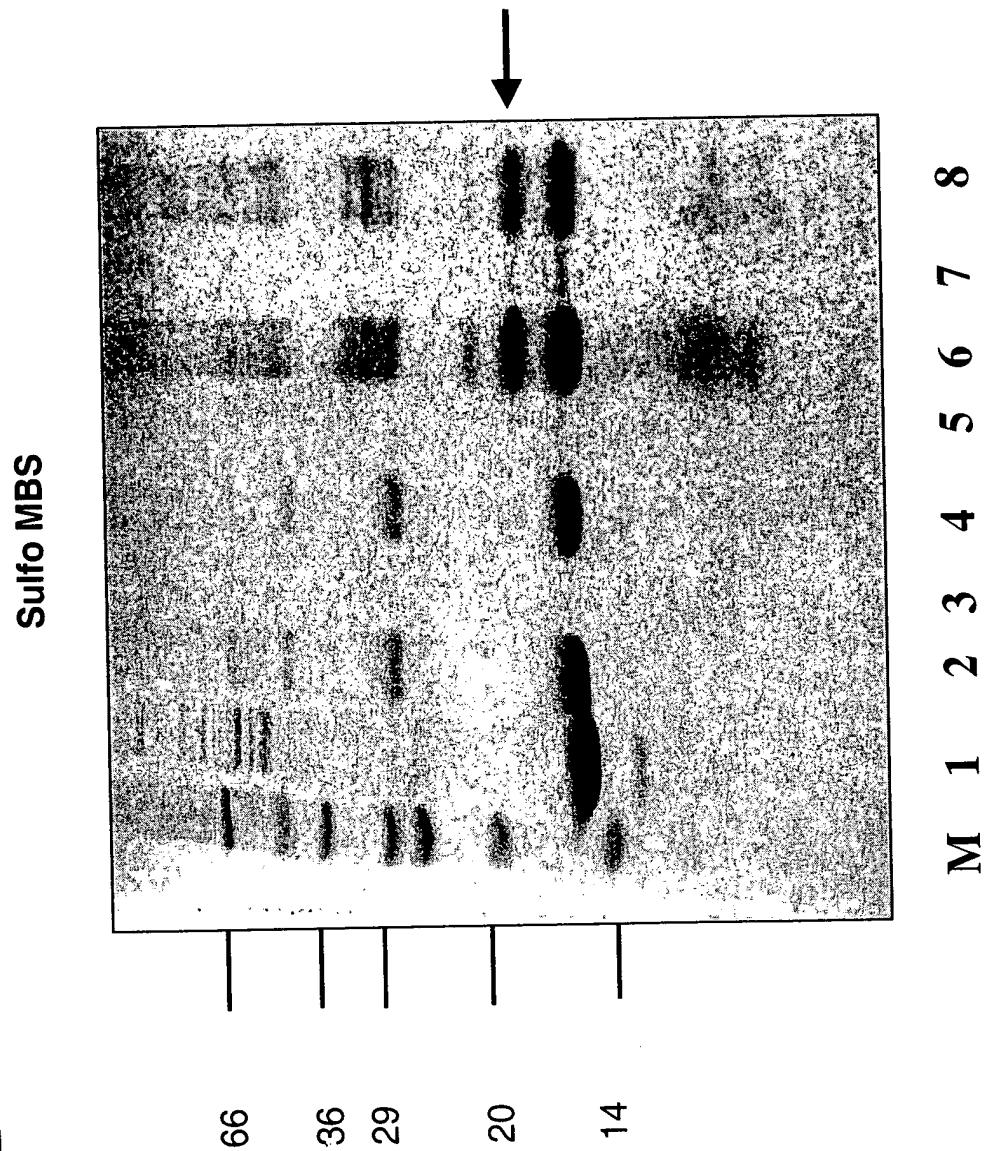


FIG. 14A

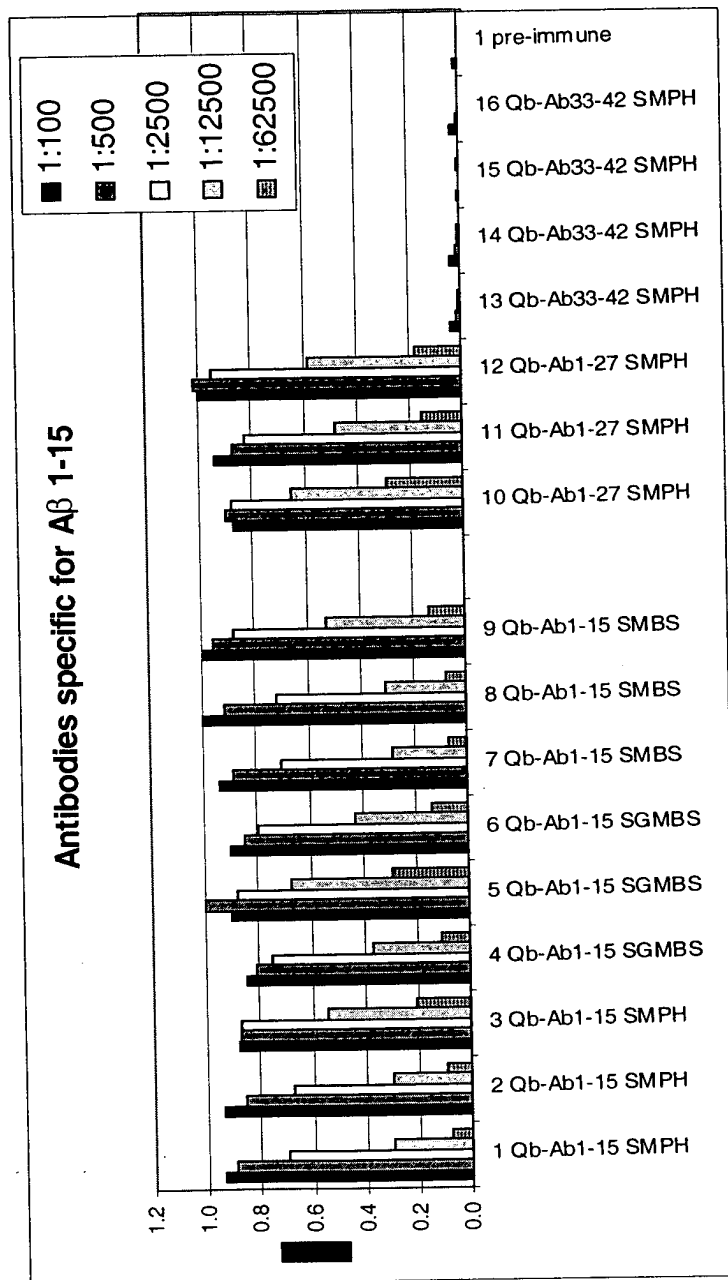


FIG. 14B

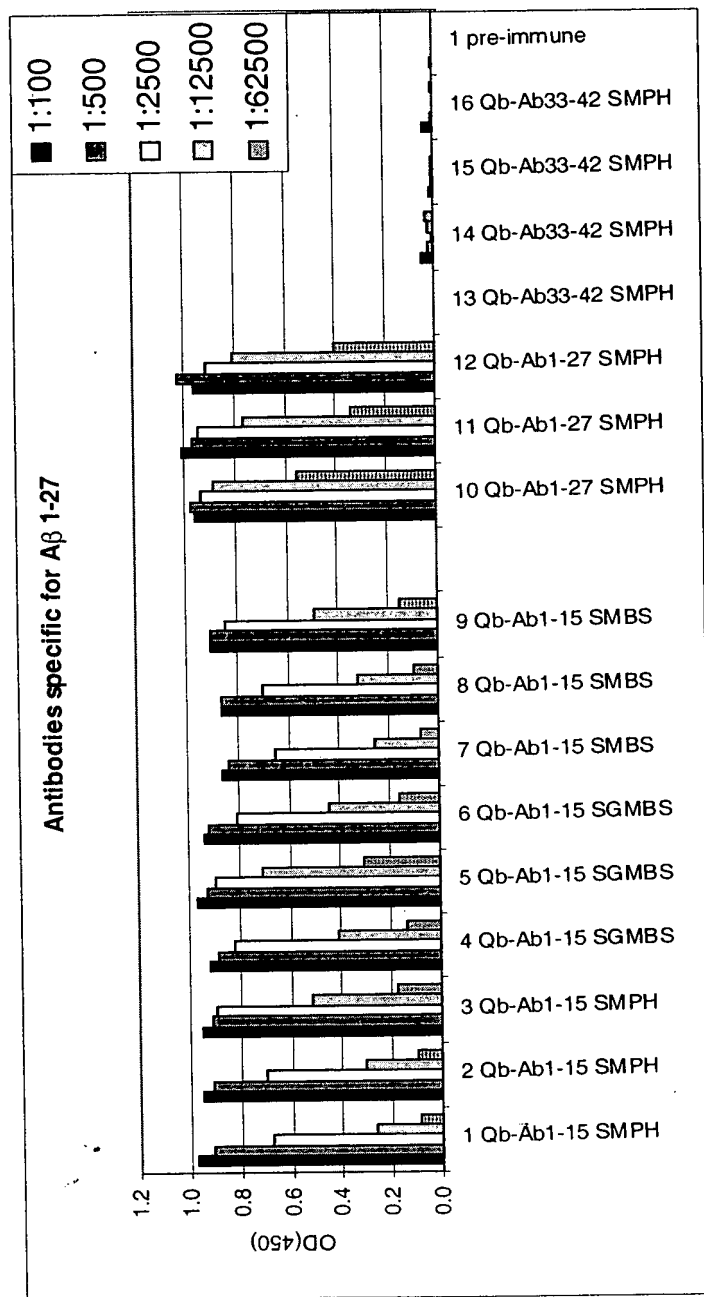


FIG. 14C

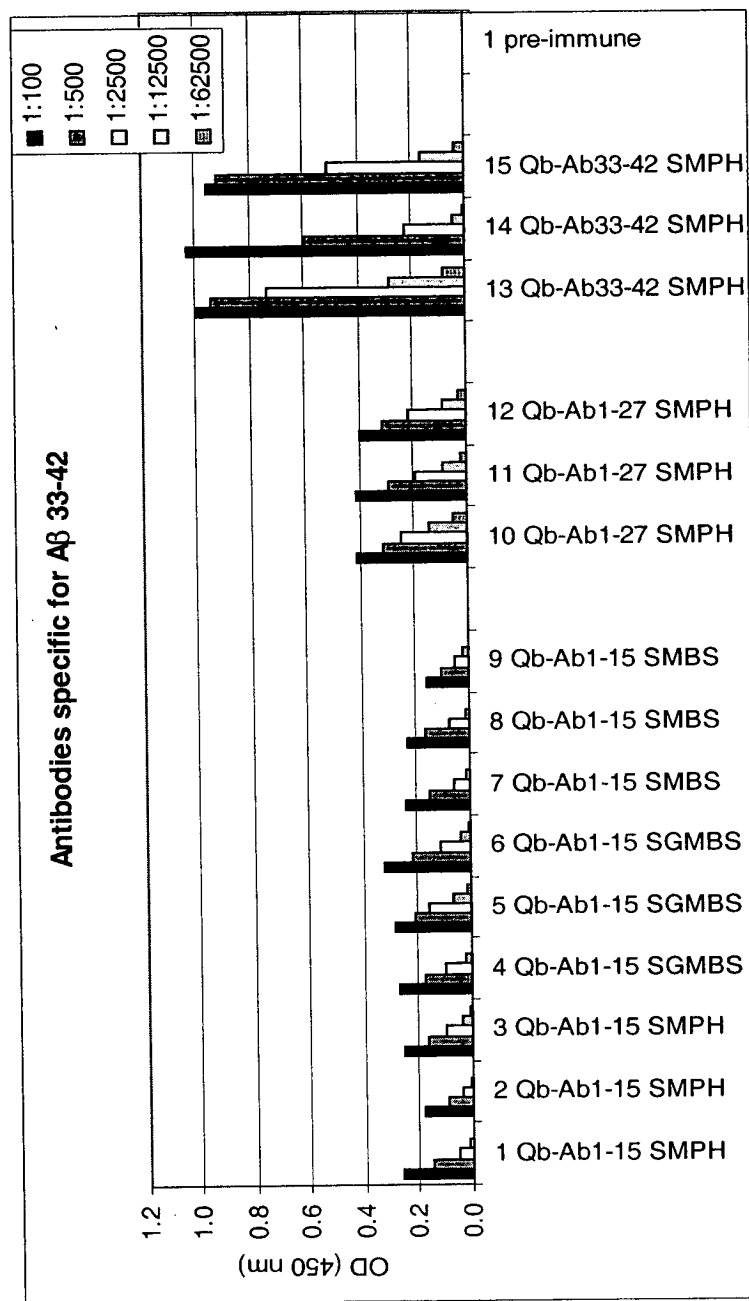


FIG. 15A

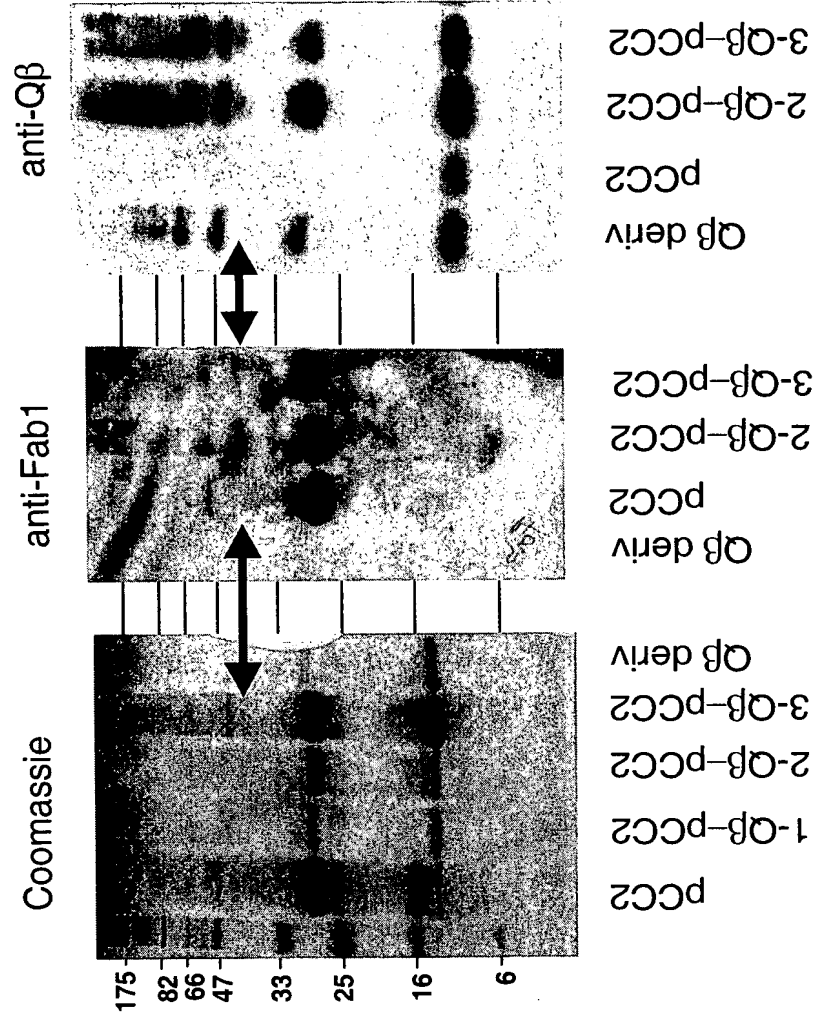


FIG. 15B

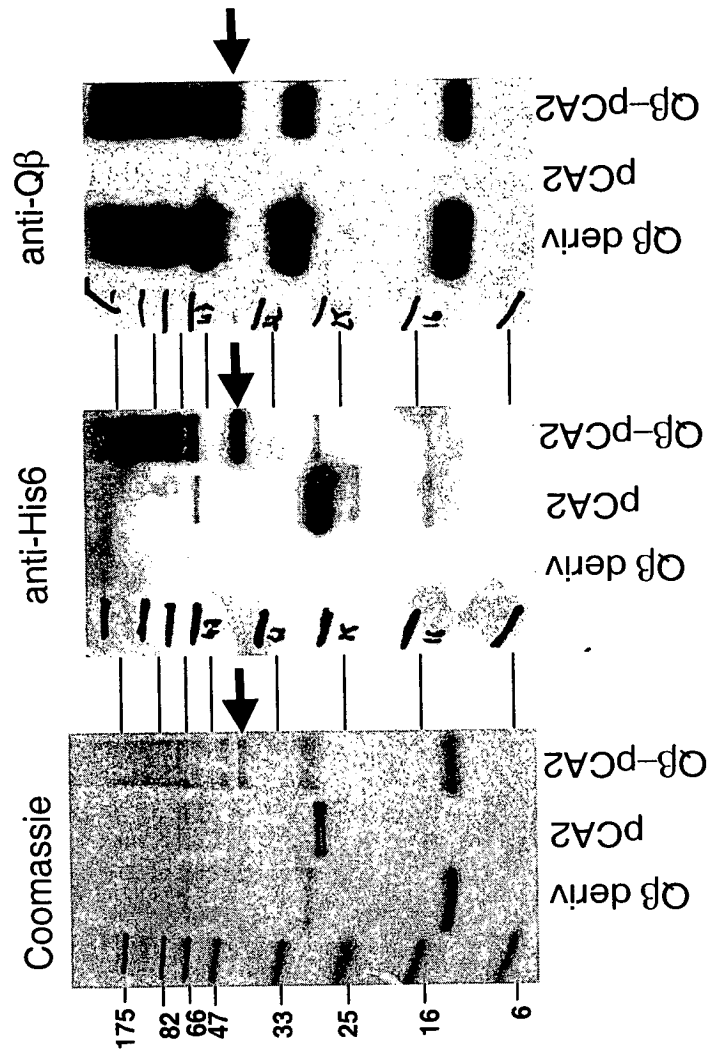
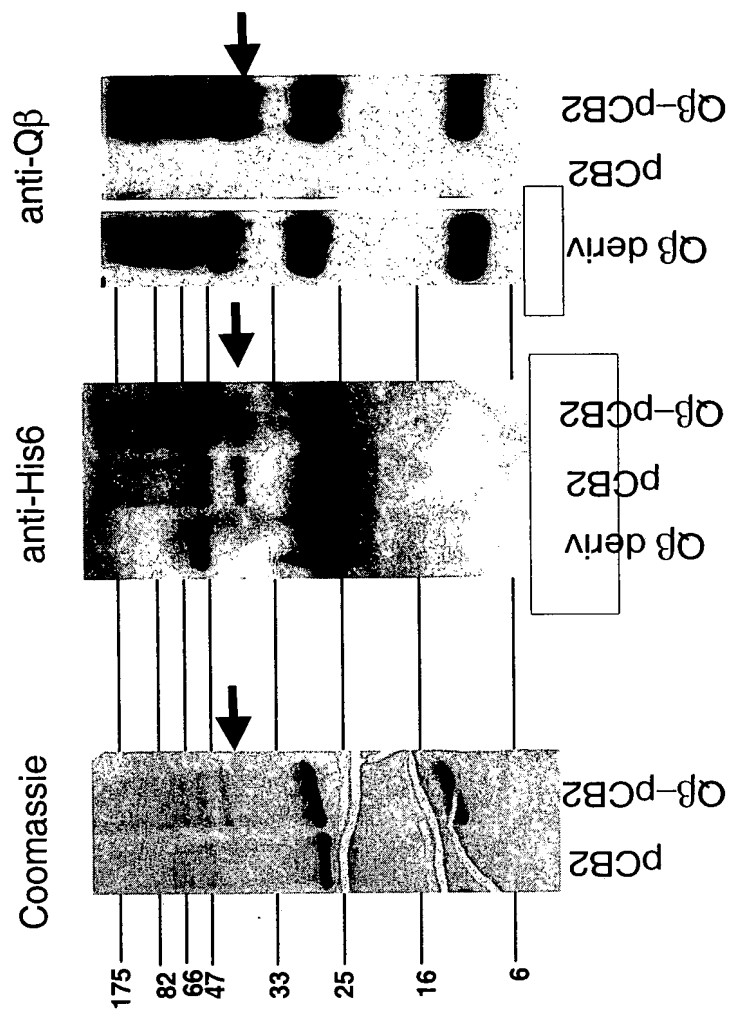


FIG. 15C



A

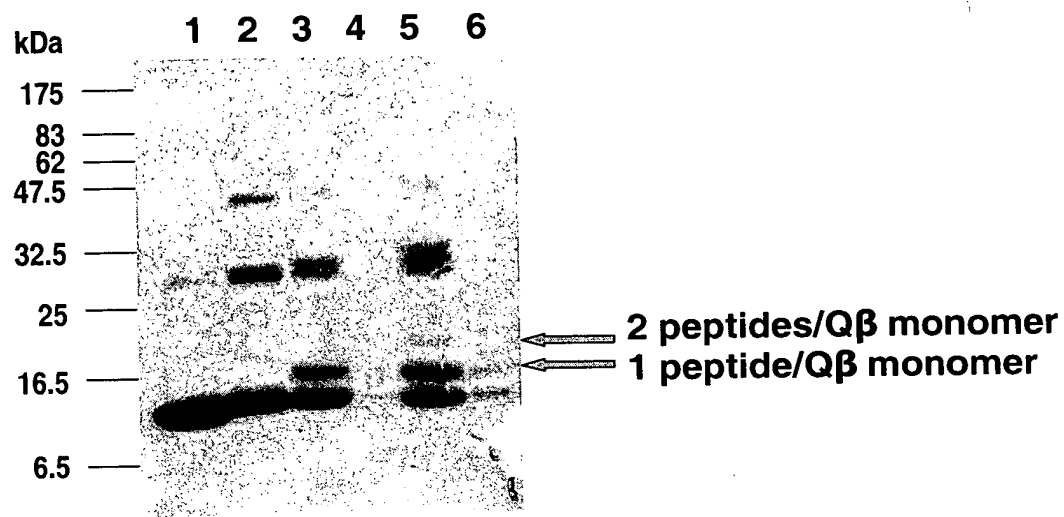


FIG. 16 A

B

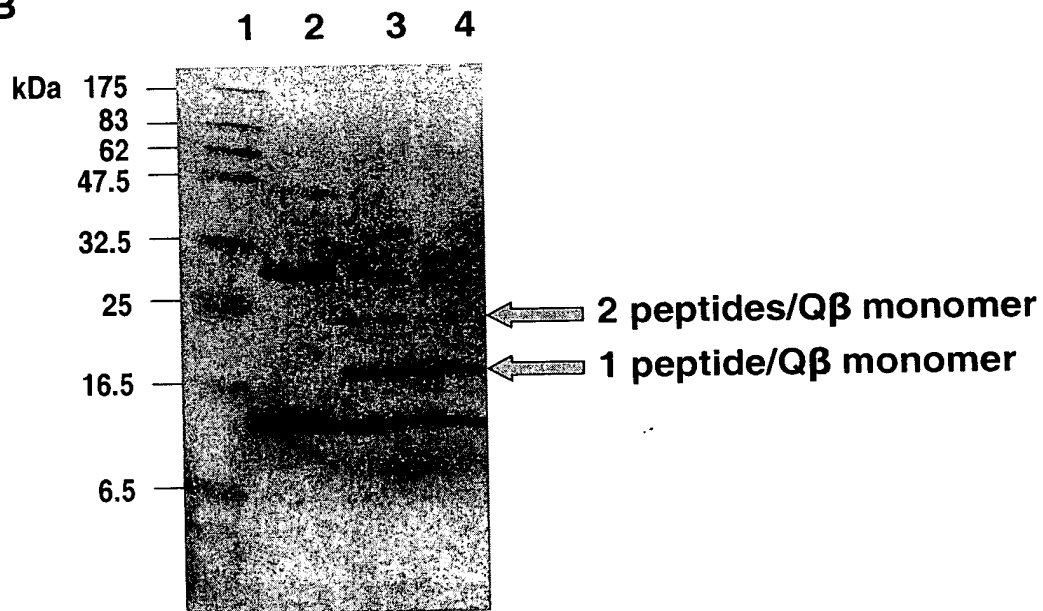


FIG. 16 B

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10050902.011802

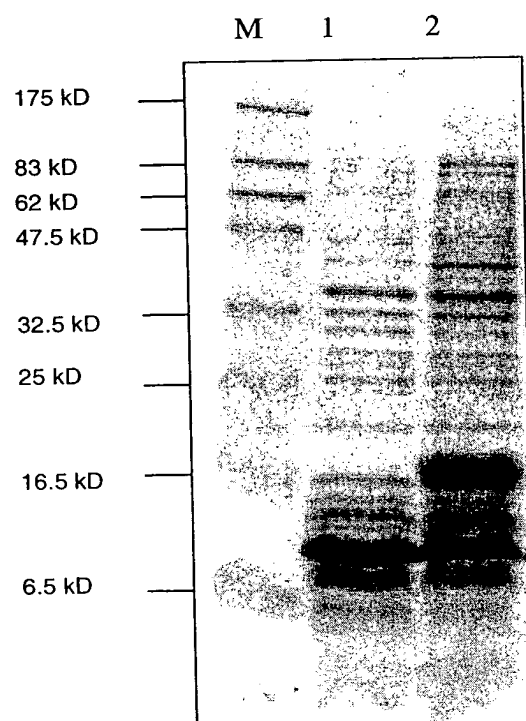


FIG. 17 A

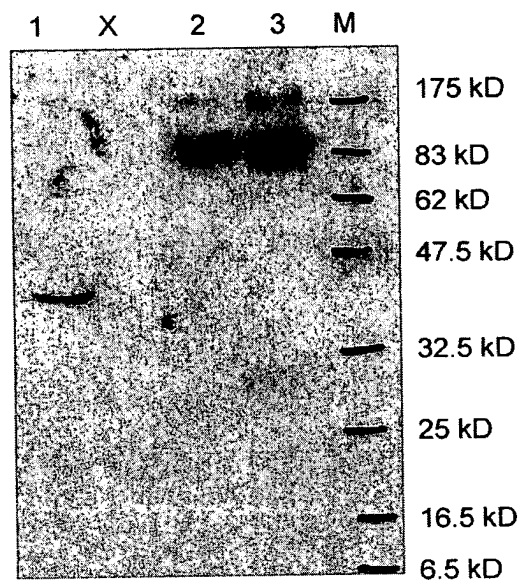


FIG. 17 B

Coupling of the murine and human VEGFR-2 peptide to Pili

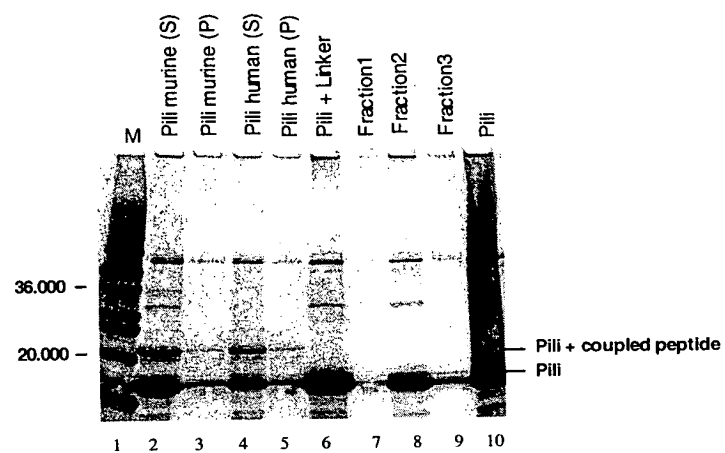


FIG. 18 A

Coupling of the murine VEGFR-2 peptide to Q β

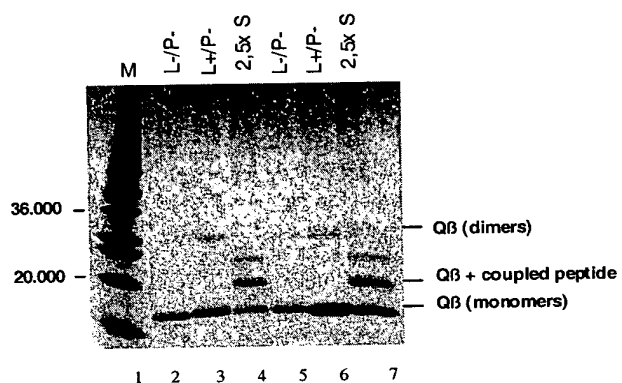


FIG. 18 B

Coupling of the murine VEGFR-2 peptide to cys-free HbcAg

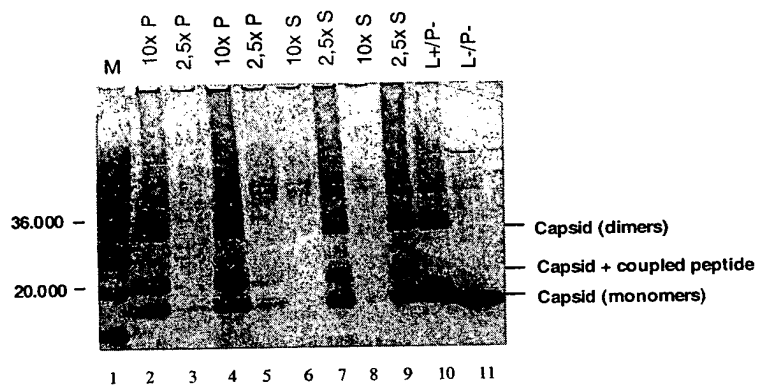


FIG. 18 C

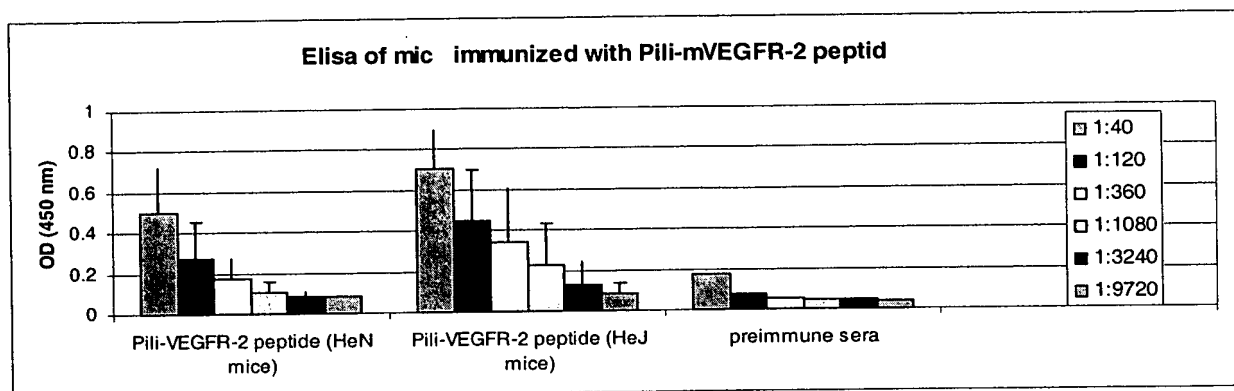


FIG. 18 D

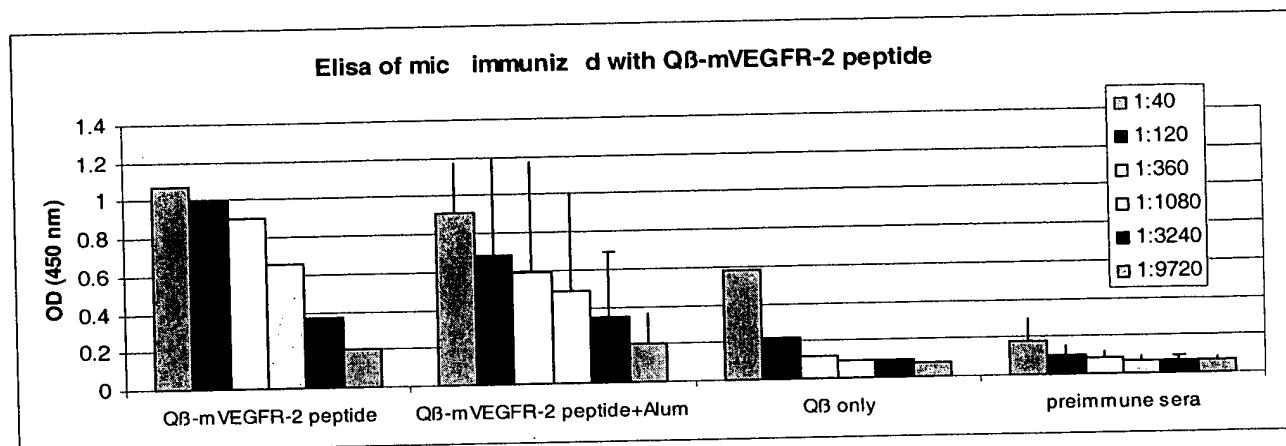


FIG. 18 E

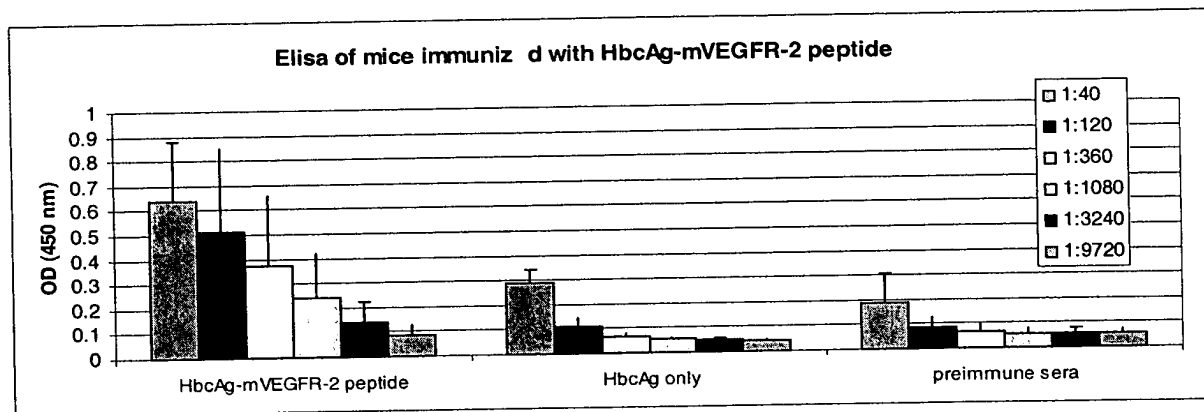


FIG. 18 F

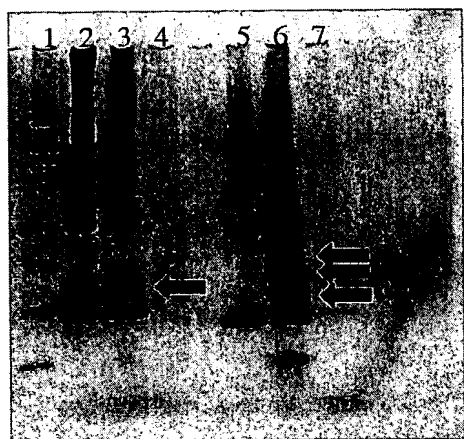


FIG. 19 A

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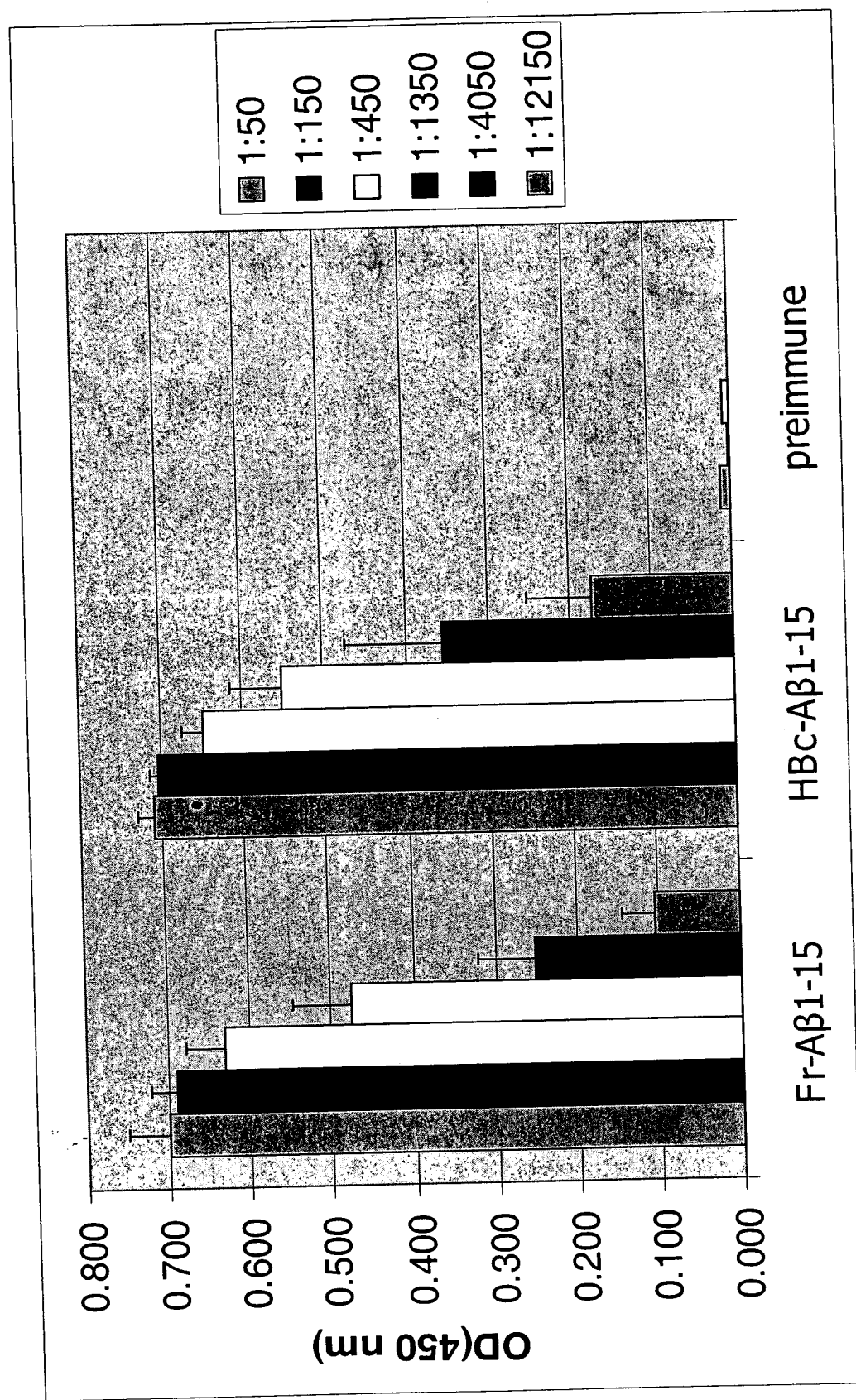


FIG. 19 B

S rum antibody titers in vaccinated APP23 mice

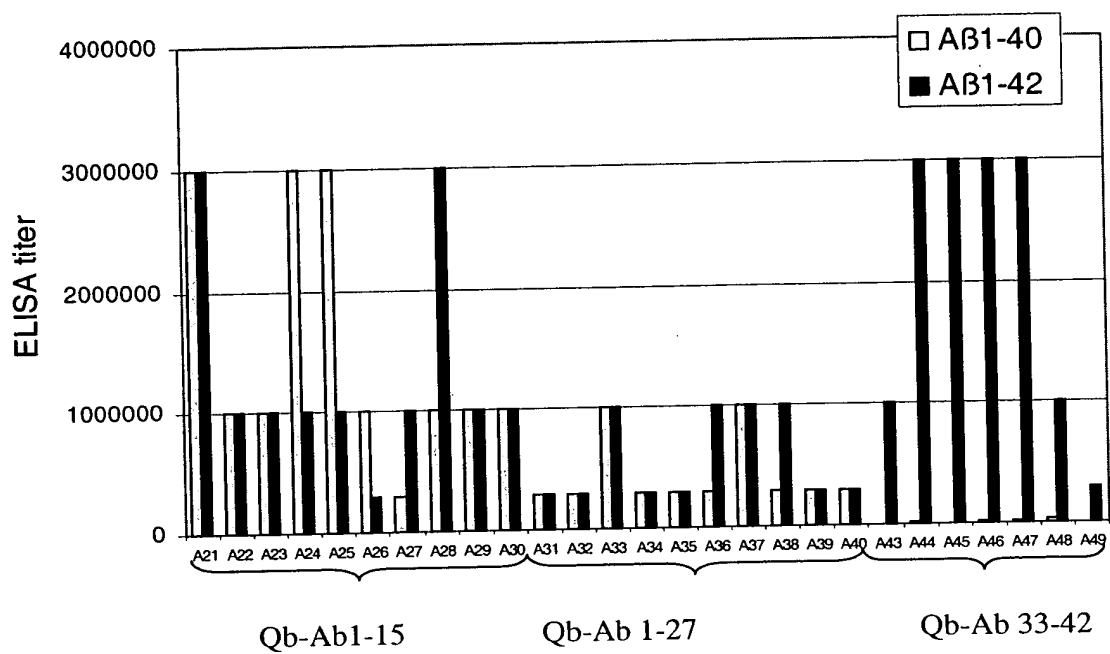


FIG. 20

208770" 2060500F

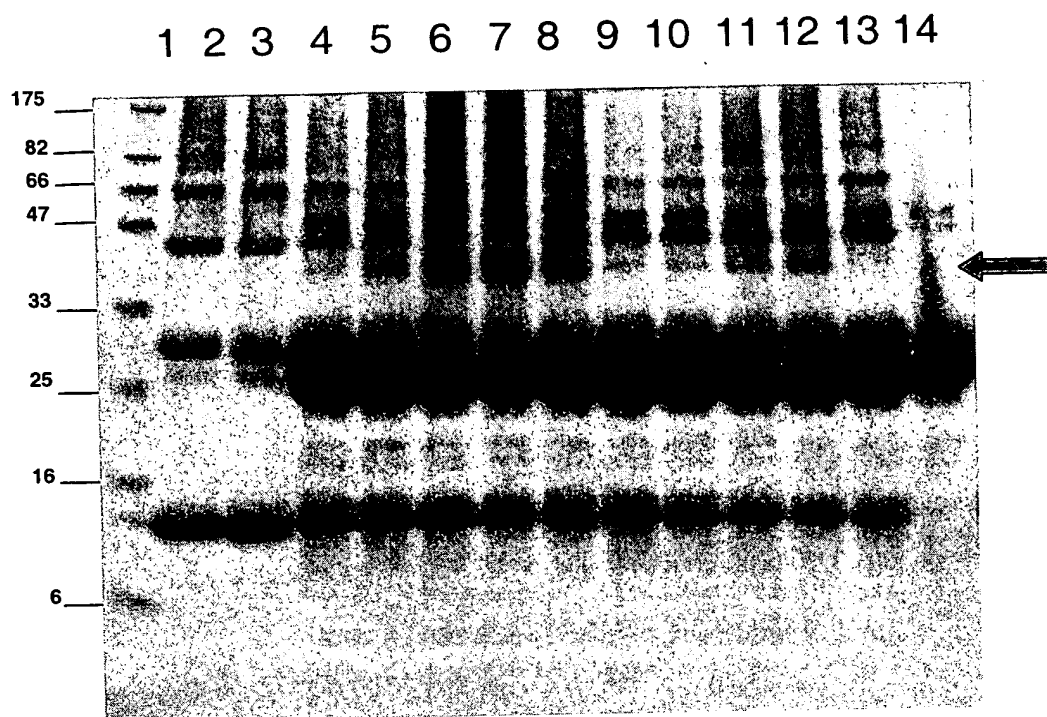


FIG. 21

Fig Qb mut S-MBS Flag

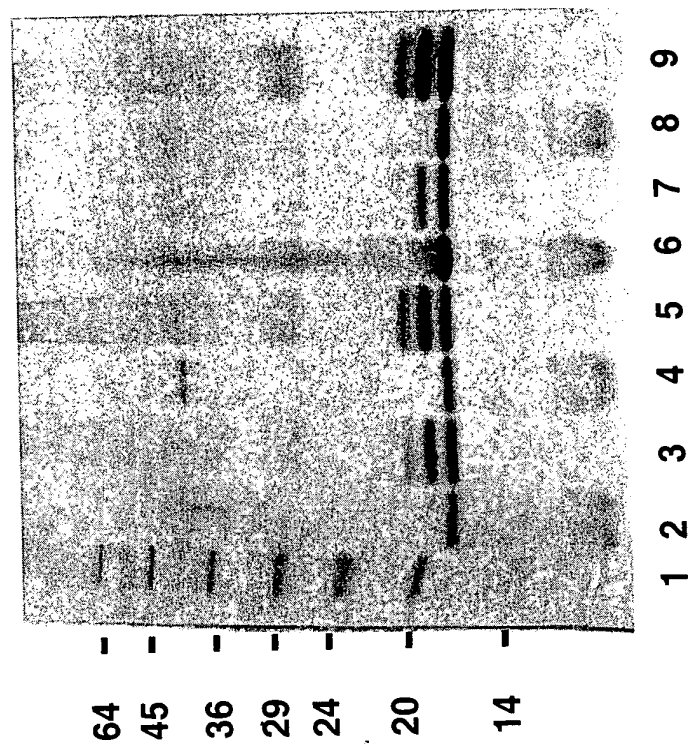


FIG. 22 A

Fig Qb mut SGMBS Flag

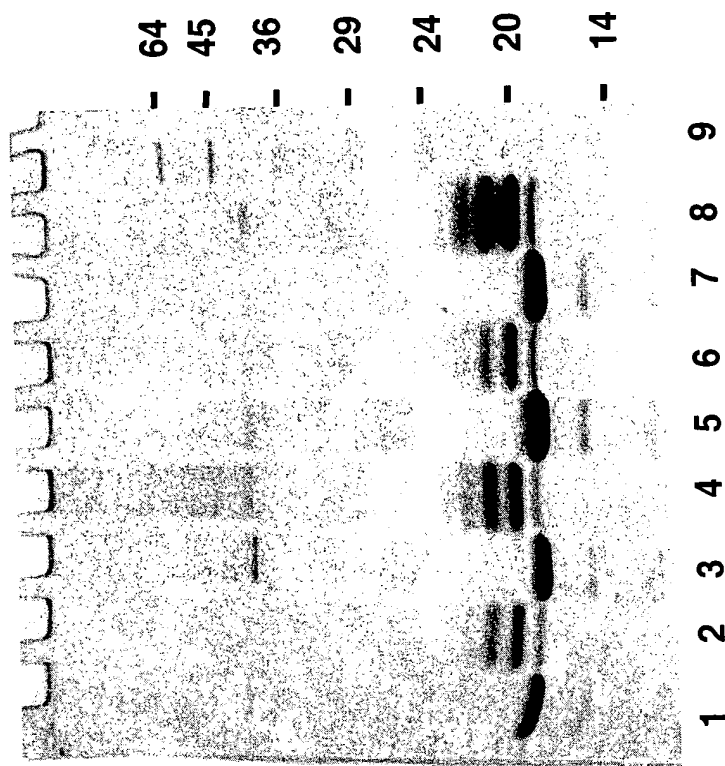


FIG. 22 B

208TFD" 2060500F

Fig Qb mut SMPH Flag

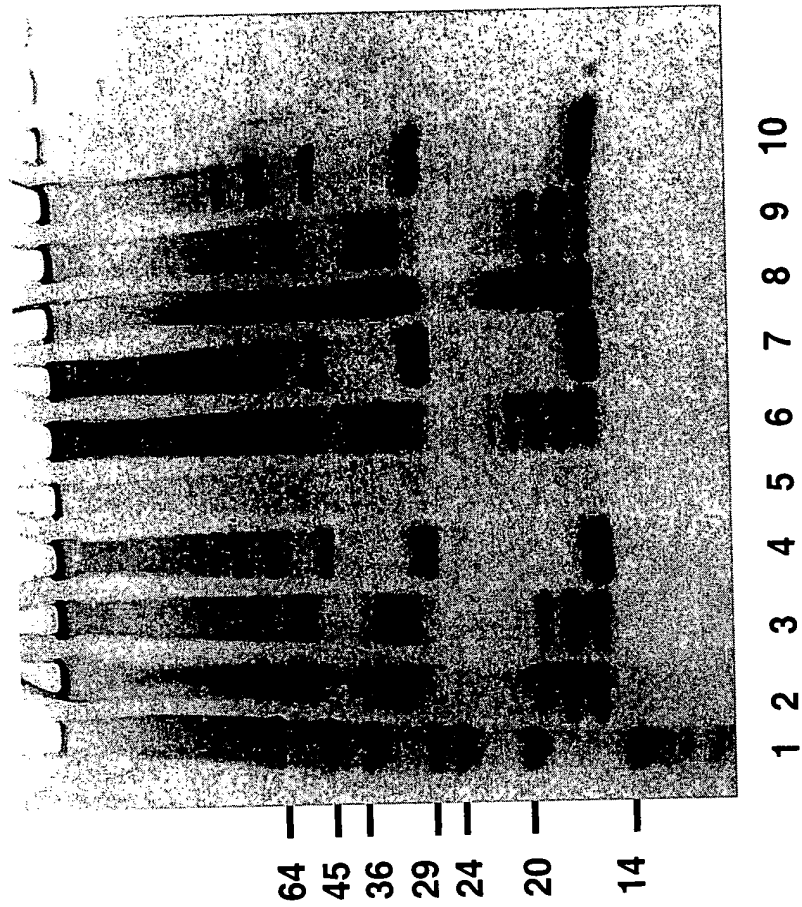


FIG. 22 C

Fig Q β mutants-PLA₂-Cys

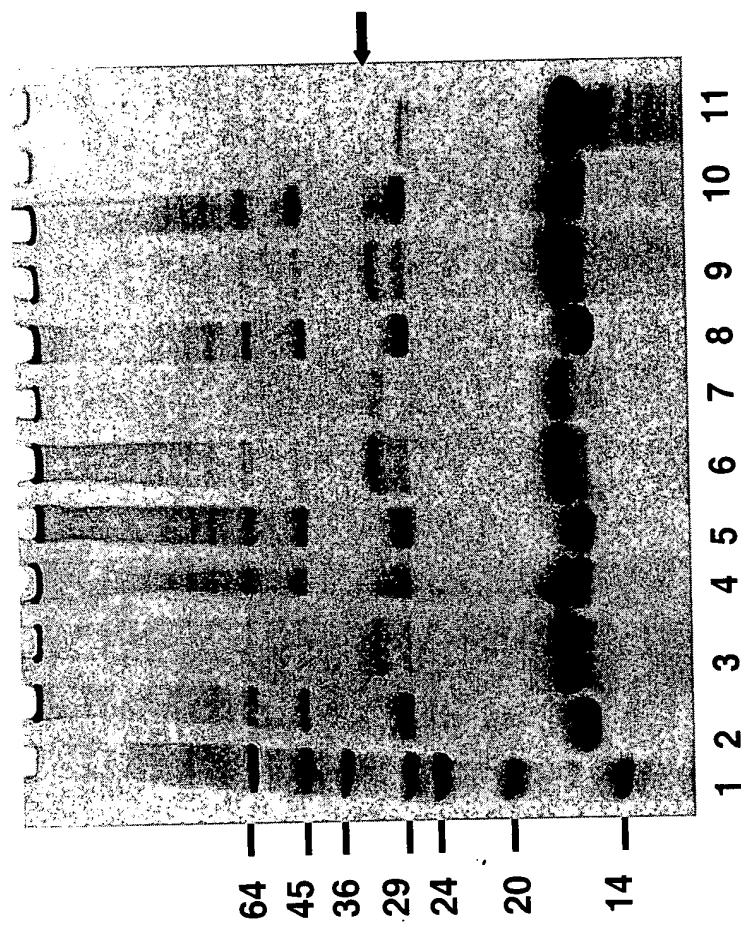


FIG. 22 D

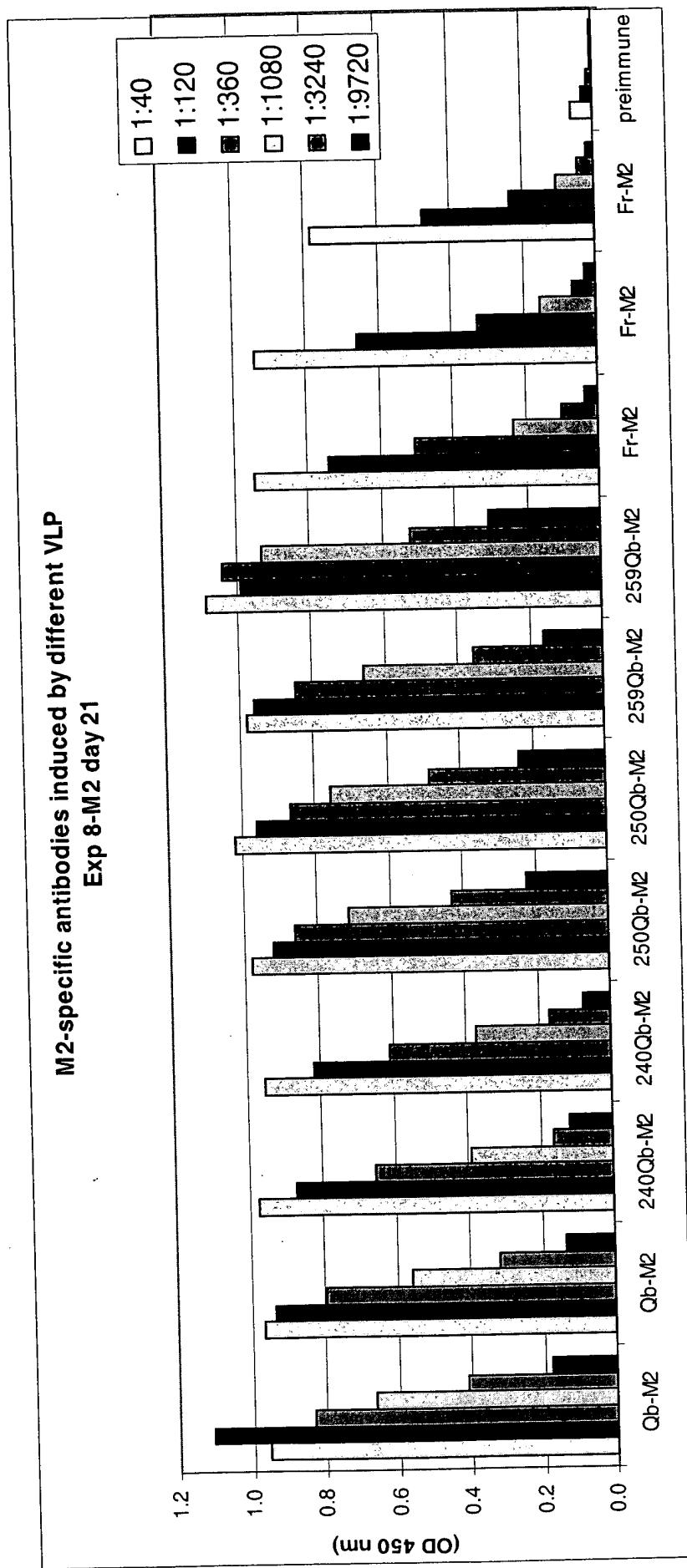


FIG. 23

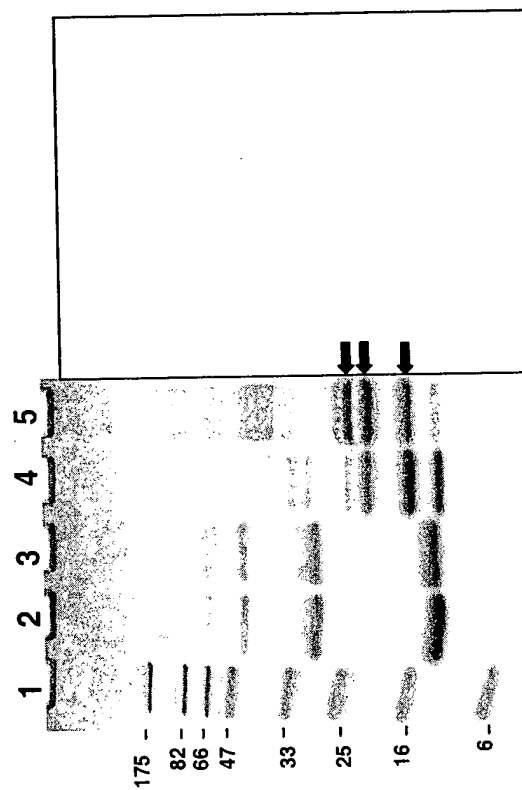


FIG. 24

2025-10-20 10:08:20

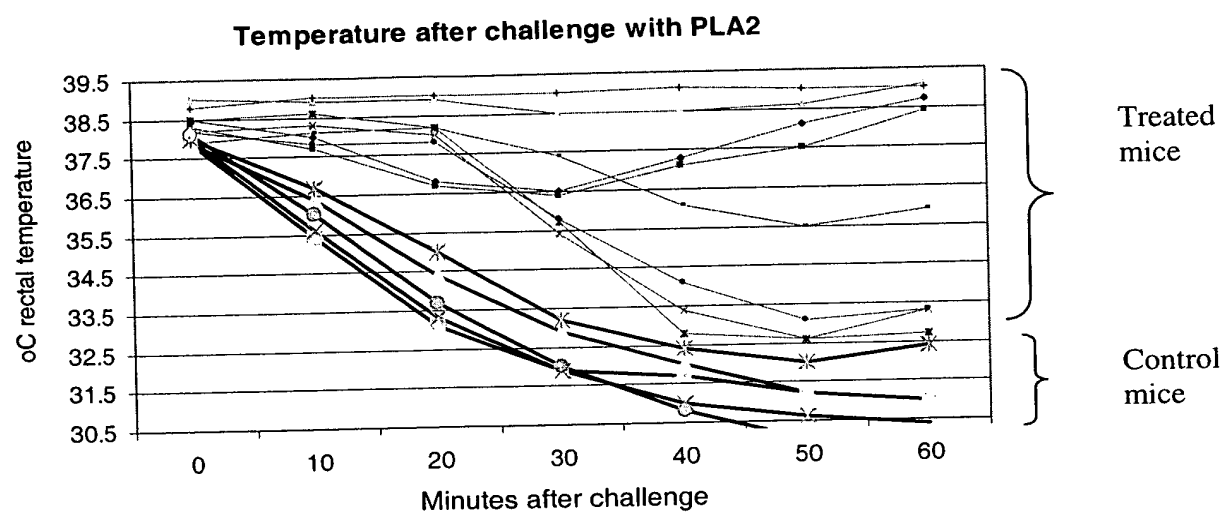


FIG. 25 A

2025-10-20 20:09:00

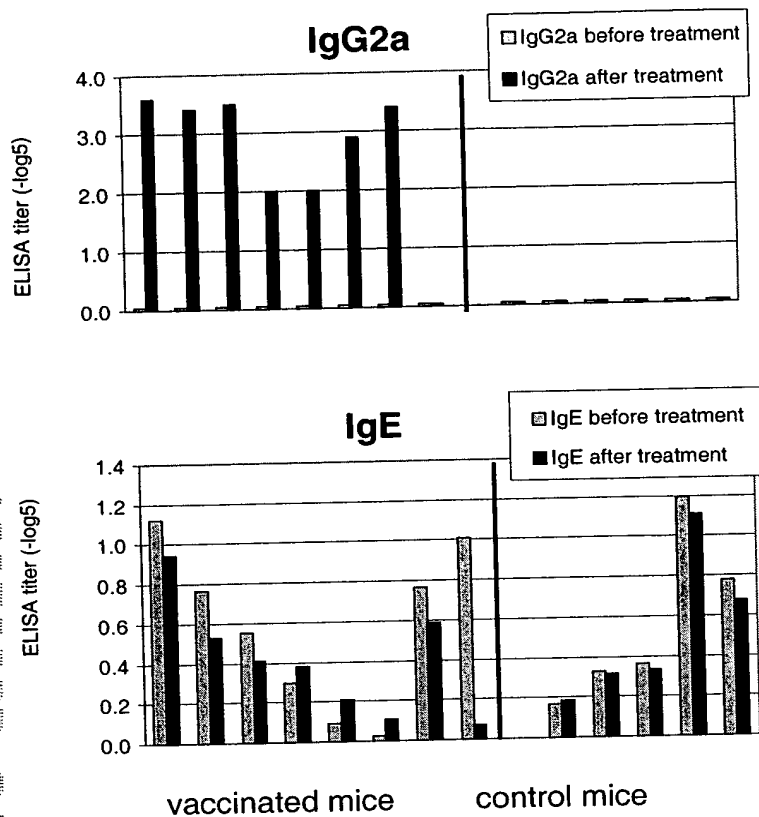


FIG. 25 B

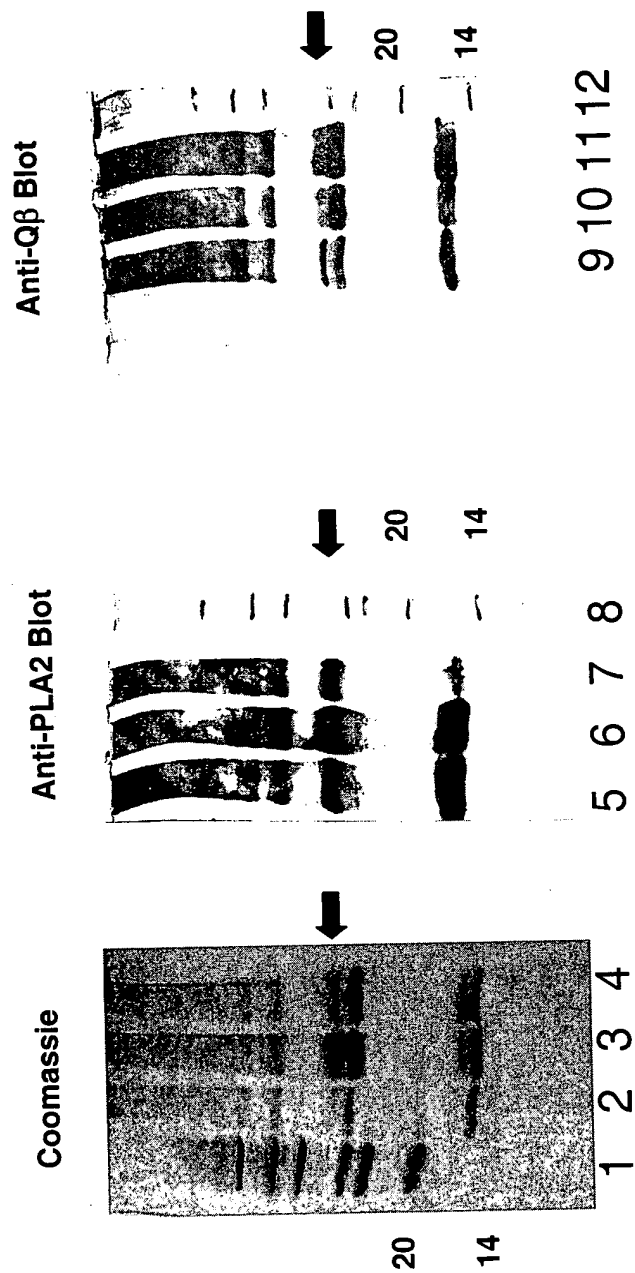


FIG. 26

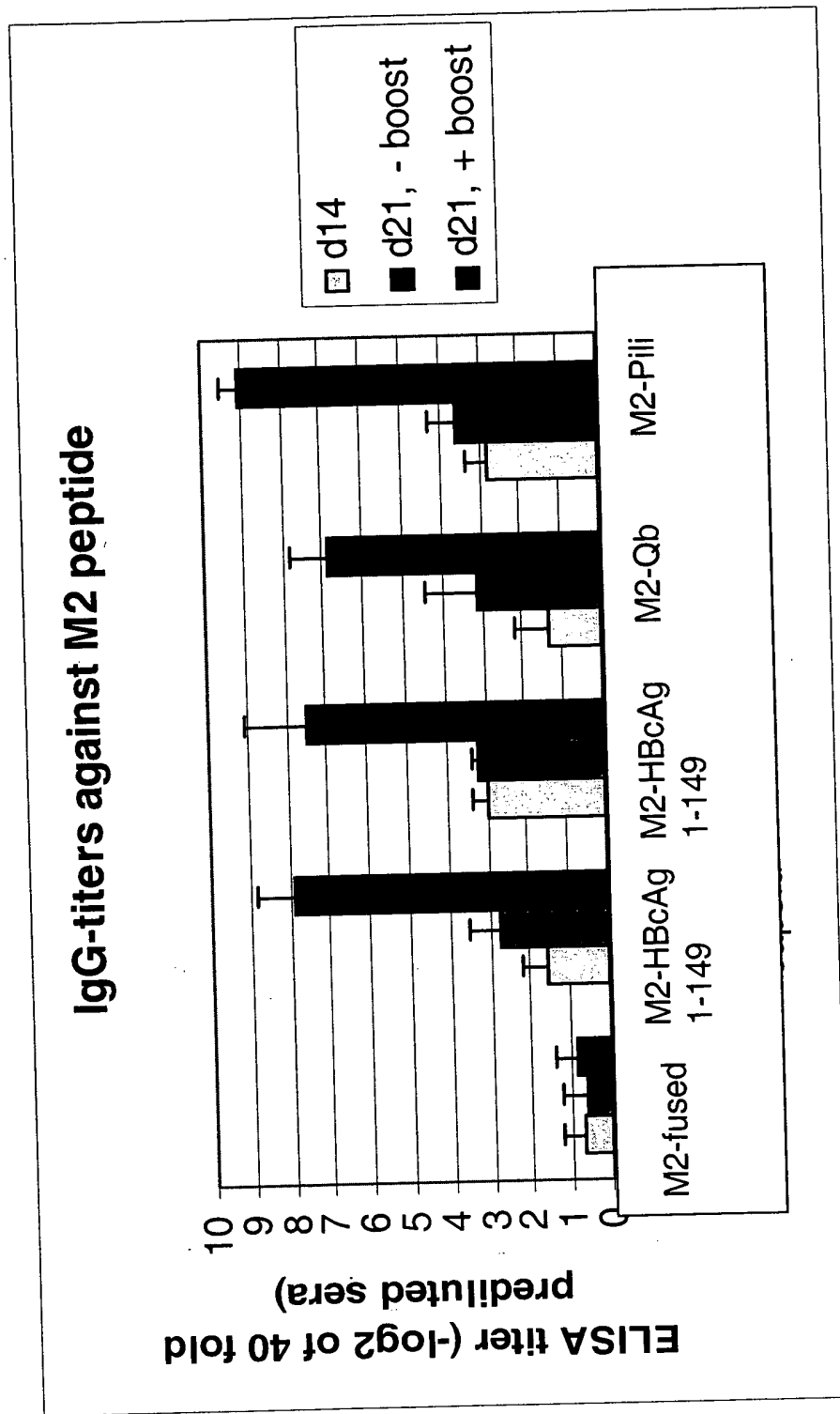
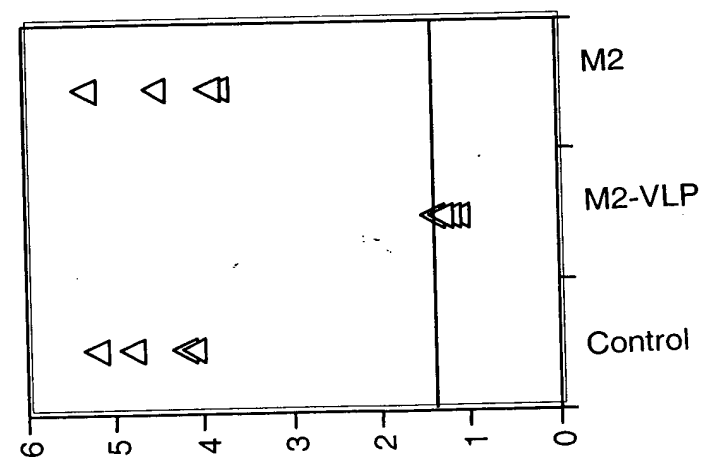


FIG. 27 A



Survival of mice vaccinated intravenously followed by a lethal influenza A challenge

Immunization	Survival
M2 coupled to VLP	6/6
M2 fused to VLP	0/3
Control	0/6

FIG. 27 B

208T0" 2060500T

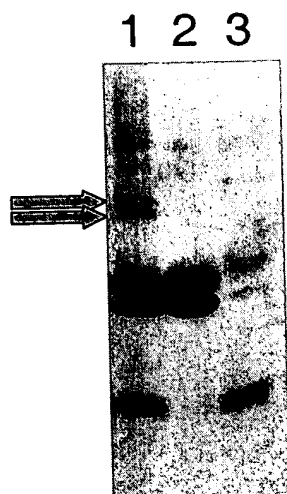


FIG. 28 A

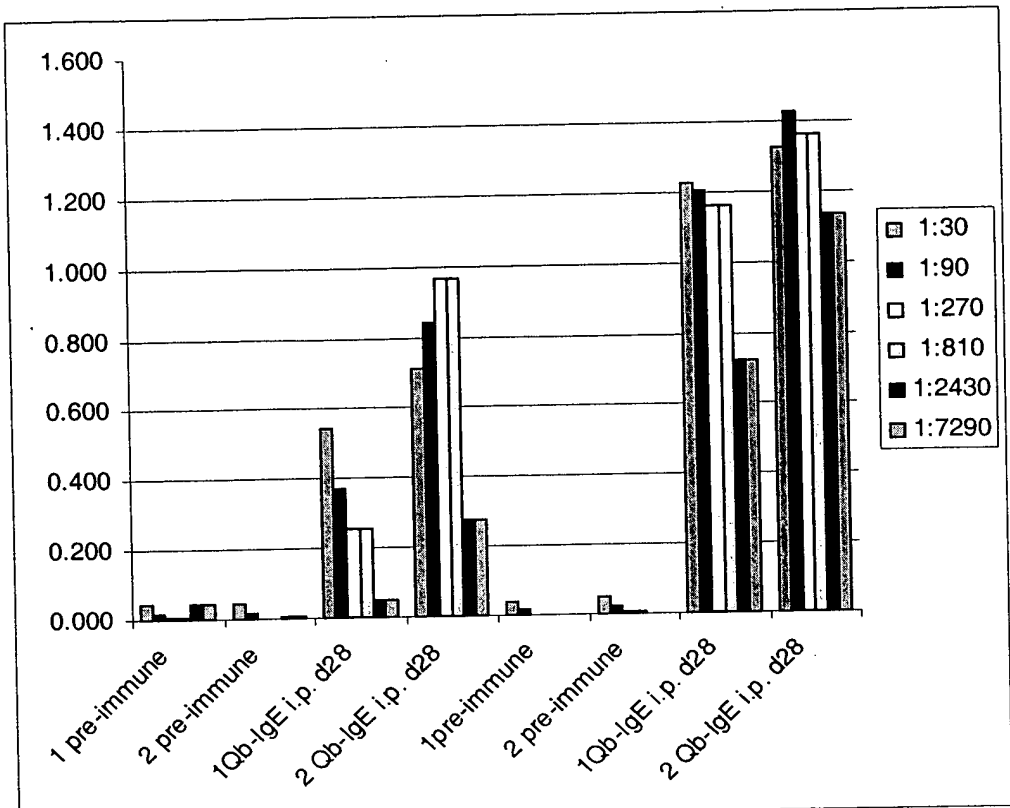
[illegible]

FIG. 28 B